

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Demineralized Water	Odor	SNI 3554: 2015 point 3.2.1	
		Taste	SNI 3554: 2015 point 3.2.1	
		Color (unit Pt-Co)	SNI 3554: 2015 point 3.2.3.2	
		pH	SNI 3554: 2015 point 3.3	
		Turbidity	SNI 3554: 2015 point 3.4	
		Total Dissolved Solids	18-11-87/MU/SMM-SIG (TDS meter)	
		Total Organic Carbon	SNI 3554: 2015 point 3.7	
		Silver (Ag)	SNI 3554: 2015 point 3.21	
		Free Carbon dioxide (CO ₂)	18-10-11/MU/SMM-SIG (ICP-OES)	
		Initial dissolved oxygen (O ₂)	SNI 3554: 2015 point 3.24	
		Final dissolved oxygen (O ₂)	SNI 3554: 2015 point 3.25	
		Lead (Pb)	SNI 3554: 2015 point 3.26.1.2	
			18-10-11/MU/SMM-SIG (ICP-OES)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
		Copper (Cu)	SNI 3554: 2015 point 3.26.2	
			18-10-11/MU/SMM-SIG (ICP-OES)	
		Cadmium (Cd)	SNI 3554: 2015 point 3.26.3.2	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-10-11/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	SNI 3554: 2015 point 3.26.4	
			18-10-11/MU/SMM-SIG (AAS-FIAS)	
		Arsen (As)	SNI 3554: 2015 point 3.26.5.3	
			18-10-11/MU/SMM-SIG (ICP-OES)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
		Conductivity at 25 °C	SNI 06-6989.1-2004	
		Total Dissolved Solids	18-11-87/MU/SMM-SIG (TDS meter)	
		Alkalinity	AOAC 973.43, 2005	
		Hardness	18-11-15/MU/SMM-SIG (Titrimetry)	
		Initial total plate count	SNI 3554: 2015 point 3.28.1	
		Final total plate count	SNI 3554: 2015 point 3.28.1	
<i>Coliform</i>	SNI 3554: 2015 point 3.28.2			
<i>Pseudomonas aeruginosa</i>	SNI 3554: 2015 point 3.28.3			
<i>Enterococci</i>	SNI 3554: 2015 point 3.28.4			
Molds and yeasts	SNI ISO 21527-1:2012			
Sulfite-reducing Anaerobes (Clostridia)	SNI 3554: 2015 point 3.28.5			
<i>Clostridium perfringens</i>	ISO 14189:2013			
<i>Escherichia coli</i>	SNI 3554: 2015 point 3.28.2			
<i>Salmonella</i>	ISO 19250:2010			

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Chemistry / Biology	Deminerlized Water Mineral Water	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
		Odor	SNI 3554: 2015 point 3.2.1	
		Taste		
		Color (unit Pt-Co)	SNI 3554: 2015 point 3.2.3.2	
		pH	SNI 3554: 2015 point 3.3	
		Turbidity	SNI 3554: 2015 point 3.4	
		Total Dissolved Solids	18-11-87/MU/SMM-SIG (TDS meter)	
		Permanganate value	SNI 3554: 2015 point 3.6	
		Nitrates (as NO ₃)	SNI 3554: 2015 point 3.8	
		Nitrite (as NO ₂)	SNI 3554: 2015 point 3.9	
		Amonium (NH ₄)	SNI 3554: 2015 point 3.10	
		Sulfate (SO ₄)	SNI 3554: 2015 point 3.11	
		Chloride (Cl ⁻)	SNI 3554: 2015 point 3.12	
		Fluoride (F)	SNI 3554: 2015 point 3.13	
		Cyanide (CN)	SNI 3554: 2015 point 3.14	
		Iron (Fe)	SNI 3554: 2015 point 3.15	
		Manganese (Mn)	SNI 3554: 2015 point 3.16	
		Chlorine (Cl ₂)	SNI 3554: 2015 point 3.17	
		Chromium (Cr)	SNI 3554: 2015 point 3.18	
		Barium (Ba)	SNI 3554: 2015 point 3.19	
		Boron (B)	SNI 3554: 2015 point 3.22	
		Selenium (Se)	SNI 3554: 2015 point 3.20	
		Silver (Ag)	SNI 3554: 2015 point 3.21	
		Free carbon dioxide (CO ₂)	SNI 3554: 2015 point 3.24	
		Initial dissolved oxygen (O ₂)	SNI 3554: 2015 point 3.25	
		Final dissolved oxygen (O ₂)	SNI 3554: 2015 point 3.25	
		Lead (Pb)	SNI 3554: 2015 point 3.26.1.2	
		Copper (Cu)	SNI 3554: 2015 point 3.26.2	
		Cadmium (Cd)	SNI 3554: 2015 point 3.26.3.2	
		Mercury (Hg)	SNI 3554: 2015 point 3.26.4	
			18-10-11/MU/SMM-SIG (AAS-FIAS)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
		Arsen (As)	SNI 3554: 2015 point 3.26.5.3	
			18-10-11/MU/SMM-SIG (ICP-OES)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
		Alkalinity	AOAC 973.43, 2005	
		Hardness	18-11-15/MU/SMM-SIG (Titrimetry)	
		Fluoride (F)	18-9-23/MU/SMM-SIG (Spectrophotometry)	
		Cyanide (CN)	18-9-24/MU/SMM-SIG (Spectrophotometry)	

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Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Mineral Water	Amonium (NH ₄)	18-9-26/MU/SMM-SIG (Spectrophotometry)	
		Barium (Ba)	18-10-11/MU/SMM-SIG (ICP-OES)	
		Chromium (Cr)		
		Manganese (Mn)		
		Iron (Fe)		
		Cobalt (Co)		
		Copper (Cu)		
		Boron (B)		
		Selenium (Se)		
		Silver (Ag)		
		Cadmium (Cd)	18-10-11/MU/SMM-SIG (ICP-OES)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)	18-10-11/MU/SMM-SIG (ICP-OES)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
		Initial total plate count	SNI 3554: 2015 point 3.28.1	
		Final total plate count		
		<i>Coliform</i>	SNI 3554: 2015 point 3.28.2	
		<i>Pseudomonas aeruginosa</i>	SNI 3554: 2015 point 3.28.3	
		<i>Enterococci</i>	SNI 3554: 2015 point 3.28.4	
		Molds and yeasts	SNI ISO 21527-1:2012	
	Sulfite-reducing Anaerobes (Clostridia)	SNI 3554: 2015 point 3.28.5		
	<i>Clostridium perfringens</i>	ISO 14189:2013		
	<i>Escherichia coli</i>	SNI 3554: 2015 point 3.28.2		
	<i>Salmonella</i>	ISO 19250:2010		
	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
	Natural Mineral Water	Alkalinity	AOAC 973.43, 2005	
		Hardness	18-11-15/MU/SMM-SIG (Titrimetry)	
		Fluoride (F)	18-9-23/MU/SMM-SIG (Spectrophotometry)	
		Cyanide (CN)	18-9-24/MU/SMM-SIG (Spectrophotometry)	
		Barium (Ba)	18-10-11/MU/SMM-SIG (ICP-OES)	
		Chromium (Cr)	18-10-11/MU/SMM-SIG (ICP-OES)	
		Manganese (Mn)		
Nickel (Ni)				
Copper (Cu)				
Borate as Boron (B)				
Antimony (Sb)				
Selenium (Se)		18-10-11/MU/SMM-SIG (ICP-OES)		
Cadmium (Cd)	18-10-11/MU/SMM-SIG (ICP-OES)			
	18-13-14/MU/SMM-SIG (ICP-MS)			

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Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Natural Mineral Water	Cadmium (Cd)	SNI 3554: 2015 point 3.26.3.2	
		Lead (Pb)	18-10-11/MU/SMM-SIG (ICP-OES)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)	SNI 3554: 2015 point 3.26.1.2	
		Mercury (Hg)	18-10-11/MU/SMM-SIG (AAS-FIAS)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			SNI 3554: 2015 point 3.26.4	
		Arsen (As)	18-10-11/MU/SMM-SIG (ICP-OES)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			SNI 3554: 2015 point 3.26.5.3	
		Color (unit Pt-Co)	SNI 3554: 2015 point 3.2.3.2	
		Total Dissolved Solids	18-11-87/MU/SMM-SIG (TDS meter)	
		Nitrates (as NO ₃)	SNI 3554: 2015 point 3.8	
		Nitrite (as NO ₂)	SNI 3554: 2015 point 3.9	
		Fluoride (F)	SNI 3554: 2015 point 3.13	
		Cyanide (CN)	SNI 3554: 2015 point 3.14	
		Sulfate (SO ₄)	SNI 3554: 2015 point 3.11	
		Free carbon dioxide (CO ₂)	SNI 3554: 2015 point 3.24	
		Antimony (Sb)	SNI 3554: 2015 point 3.26.6	
		Barium (Ba)	SNI 3554: 2015 point 3.19	
		Borate as Boron (B)	SNI 3554: 2015 point 3.22	
		Chromium (Cr)	SNI 3554: 2015 point 3.18	
		Copper (Cu)	SNI 3554: 2015 point 3.26.2	
		Manganese (Mn)	SNI 3554: 2015 point 3.16	
		Nickel (Ni)	SNI 3554: 2015 point 3.21	
		Selenium (Se)	SNI 3554: 2015 point 3.20	
		1,2-Dichloroethane	18-14-14/MU/SMM-SIG (GC-MS Head space)	
		Aldrin	18-14-2/MU/SMM-SIG (GC-MSMS)	
		Dieldrin	18-14-2/MU/SMM-SIG (GC-MSMS)	
		Heptachlorepoxyde		
		Methoxychlor		
		Detergent	SNI 3554: 2015 point 3.27.2	
Molds and yeasts	SNI ISO 21527-1:2012			
<i>Clostridium perfringens</i>	ISO 14189:2013			
<i>Salmonella</i>	ISO 19250:2010			
<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012			
Odor	SNI 3554: 2015 point 3.2.1			
Taste	SNI 3554: 2015 point 3.2.1			
Initial total plate count	SNI 3554: 2015 point 3.28.1			

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Natural Mineral Water	Final total plate count	SNI 3554: 2015 point 3.28.1	
		<i>Coliform</i>	SNI 3554: 2015 point 3.28.2	
		<i>Escherichia coli</i>	SNI 3554: 2015 point 3.28.2	
		<i>Enterococci</i>	SNI 3554: 2015 point 3.28.4	
		Sulfite-reducing Anaerobes (Clostridia)	SNI 3554: 2015 point 3.28.5	
		<i>Pseudomonas aeruginosa</i>	SNI 3554: 2015 point 3.28.3	
	Biscuits	Color	SNI 2973-2022 Appendix A.2.1	
		Odor	SNI 2973-2022 Appendix A.2.2	
		Taste	SNI 2973-2022 Appendix A.2.3	
		Moisture	SNI 2973 : 2022 (SNI ISO 712)	
		Ash insoluble in acid	SNI 2973 : 2022 (ISO 5985-2002)	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Acid value	18-11-17/MU/SMM-SIG (Titrimetry)	
		Tin (Sn)	SNI 2973: 2022 Appendix A.5.2	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	SNI 2973: 2022 Appendix A.5.3	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	SNI 2973: 2022 Appendix A.5.4	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-29/MU/SMM-SIG (AAS-HVG)	
		Ash	SNI 01-2891-1992 point 6.1	
		Deoxynivalenol (DON)	18-12-27/MU/SMM-SIG (LC-MSMS)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Total plate count (TPC)	ISO 4833-1: 2015	
	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
	<i>Salmonella</i>	ISO 6579:2015		
	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
	Molds and yeasts	SNI ISO 21527-2:2012		
	<i>Coliform</i>	ISO 4831: 2012		
	<i>Bacillus cereus</i>	ISO 7932:2012		
	<i>Escherichia coli</i>	ISO 7251:2012		
	Instant Coffee	Odor	SNI 2983: 2014 point A.2.1	
		Color	SNI 2983: 2014 point A.2.2	
		Moisture	SNI 2983: 2014 point A.3.1	

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Chemistry / Biology	Instant Coffee	Ash	SNI 2983: 2014 point A.4	
		Caffeine	SNI ISO 20481:2008 (HPLC-PDA)	
Total Glucose		18-5-15/MU/SMM-SIG (HPLC-RI)		
Total Xylose		18-5-83/MU/SMM-SIG (HPLC-RI)		
Solubility in hot/cold water		SNI 2983: 2014 point A.7		
Tin (Sn)		SNI 2983: 2014 point A.8.2		
		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-13-1/MU/SMM-SIG (ICP-OES)		
Mercury (Hg)		SNI 2983: 2014 point A.8.3.4.2		
		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-28/MU/SMM-SIG (AAS-HVG)		
Arsen (As)		SNI 2983: 2014 point A.9.4.2		
		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-29/MU/SMM-SIG (AAS-HVG)		
Total plate count (TPC)		SNI 2983: 2014 point A.10.2		
Molds and yeasts		SNI ISO 21527-2:2012		
Ochratoxin A		18-5-36/MU/SMM-SIG (HPLC-FLD)		
Cadmium (Cd), Lead (Pb)	18-12-27/MU/SMM-SIG (LC-MSMS)			
	18-13-14/MU/SMM-SIG (ICP-MS)			
Instant Noodles		Odor	SNI 3551: 2012 point A.2	
		Taste		
Color		SNI 3551: 2012 point A.2.3		
Texture		SNI 3551: 2012 point A.2.4		
Foreign matter		SNI 3551: 2012 point A.3		
Integrity		SNI 3551: 2012 point A.4		
Moisture		SNI 3551: 2012 point A.5		
Protein		18-8-31/MU/SMM-SIG (Titrimetry)		
Acid value		18-11-17/MU/SMM-SIG (Titrimetry)		
		18-13-14/MU/SMM-SIG (ICP-MS)		
Cadmium (Cd), Lead (Pb)		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-13-1/MU/SMM-SIG (ICP-OES)		
Tin (Sn)		SNI 3551: 2012 point A.8.2		
		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-13-1/MU/SMM-SIG (ICP-OES)		
Mercury (Hg)		SNI 3551: 2012 point A.8.3.4.2		
		18-13-14/MU/SMM-SIG (ICP-MS)		
	18-4-28/MU/SMM-SIG (AAS-HVG)			
Arsen (As)	SNI 3551: 2012 point A.9.4.2			
	18-13-14/MU/SMM-SIG (ICP-MS)			

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Chemistry / Biology	Instant Noodles	Arsen (As)	18-4-29/MU/SMM-SIG (AAS-HVG)	
		Total plate count (TPC)	SNI 3551-2012 point A.10.2	
		<i>Coliform</i>	SNI 3551-2012 point A.10.3	
		<i>Escherichia coli</i>	SNI 3551-2012 point A.10.4	
		<i>Staphylococcus aureus</i>	SNI 3551-2012 point A.10.5	
		<i>Bacillus cereus</i>	SNI 3551-2012 point A.10.6	
		Molds and yeasts	SNI 3551-2012 point A.10.7	
	Palm Cooking Oil	Odor	SNI 7709: 2019 point A.2.1	
		Taste	SNI 7709: 2019 point A.2.2	
		Color	SNI 7709-2012 point A.2.3	
		Color (Lovibond 5,25" cell)	SNI 7709: 2012 point A.2.3	
		Moisture and volatile matter	AOCS Ca 2b-38-2009	
		Free fatty acids (counted as Palmitic Acid)	SNI 7709: 2019 point A.5	
		Peroxide Value	SNI 7709: 2019 point A.6	
		Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Pelican oil	SNI 7709-2019 point A.8	
		Tin (Sn)	SNI 7709: 2019 point A.9.2.1.1	
		Mercury (Hg)	SNI 7709: 2019 point A.9.4.1	
		Arsen (As)	SNI 7709: 2019 point A.10.4.2	
		Milk Powder	Odor	SNI 2970-2015 Appendix A.2.1
	Taste		SNI 2970-2015 Appendix A.2.2	
	Color		SNI 2970-2015 Appendix A.2.3	
	Moisture		SNI 2970-2015 Appendix A.3	
	Milk fat (as total Fat)		18-8-5/MU/SMM-SIG (Gravimetry)	
	Protein		18-8-31/MU/SMM-SIG (Titrimetry)	
	Mercury (Hg)		SNI 2970: 2015 point A.8.3.4.2	
	Arsen (As)		SNI 2970: 2015 point A.9.4.2	
	Aflatoxin M1		18-12-27/MU/SMM-SIG (LC-MSMS)	
	Cadmium (Cd), Lead (Pb)		18-13-14/MU/SMM-SIG (ICP-MS)	
	Cadmium (Cd), Lead (Pb)		18-13-1/MU/SMM-SIG (ICP-OES)	
	Tin (Sn)		SNI 2970: 2015 point A.8.2	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)			
	18-4-28/MU/SMM-SIG (AAS-HVG)			
Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)			
	18-4-29/MU/SMM-SIG (AAS-HVG)			
<i>Enterobacteriaceae</i>	ISO 21528-2: 2016			
Molds and yeasts	SNI 2971: 2011 point A.10.6			

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AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Milk Powder	<i>Escherichia coli</i>	ISO 7251:2012		
		Total plate count (TPC)	SNI 2970-2015 point A.10.2		
		<i>Coliform</i>	ISO 4831: 2012		
		<i>Salmonella</i>	SNI 2970-2015 point A.10.3		
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
	Sweetened Condensed Milk	Sweetened Condensed Milk	Odor		SNI 2971: 2011 Appendix A.2.1
			Taste		SNI 2971: 2011 Appendix A.2.2
			Moisture		AOAC 925.45, 2008
			Total fat		18-8-5/MU/SMM-SIG (Gravimetry)
			Protein		18-8-31/MU/SMM-SIG (Titrimetry)
			Total sugar (sucrose)		18-8-8/MU/SMM-SIG (Luff-Schoorl)
			Milk Solids		18-10-9/MU/SMM-SIG (Gravimetry)
			Lead (Pb)		18-13-14/MU/SMM-SIG (ICP-MS)
					18-13-1/MU/SMM-SIG (ICP-OES)
			Tin (Sn)		SNI 2971: 2011 point A.8.2
					18-13-14/MU/SMM-SIG (ICP-MS)
					18-13-1/MU/SMM-SIG (ICP-OES)
			Mercury (Hg)		SNI 2971: 2011 point A.8.3.4.2
					18-13-14/MU/SMM-SIG (ICP-MS)
					18-4-28/MU/SMM-SIG (AAS-HVG)
			Arsen (As)		SNI 2971: 2011 point A.9.4.2
					18-13-14/MU/SMM-SIG (ICP-MS)
					18-4-29/MU/SMM-SIG (AAS-HVG)
			Total plate count (TPC)		SNI 2971: 2011 point A.10.2
			<i>Coliform</i>		SNI 2971: 2011 point A.10.3.1
	<i>Salmonella</i>	SNI 2971: 2011 point A.10.4			
	<i>Staphylococcus aureus</i>	SNI 2971: 2011 point A.10.5			
	Molds and yeasts	SNI 2971: 2011 point.10.6			
	Wheat Flour As A Food Ingredient	Wheat Flour As A Food Ingredient	Form		SNI 3751: 2018 point A.2.1
			Color		SNI 3751: 2018 point A.2.2
			Odor		SNI 3751: 2018 point A.2.3
			Foreign matter (other plant bark, soil, rocks, sand and others)		SNI 3751: 2018 point A.3.1
			Foreign matter (insects in all forms of their visible stadia and cut pieces)		SNI 3751: 2018 point A.3.2
Fineness, particle passed 212 um sieve (mesh No. 70)			SNI 3751: 2018 point A.4		
Moisture			SNI 3751:2018 (SNI ISO 712)		
Ash			SNI 3751: 2018 point A.5		
Protein			18-8-31/MU/SMM-SIG (Titrimetry)		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Wheat Flour As A Food Ingredient	Acidity	18-11-6/MU/SMM-SIG (Titrimetry)	
		Iron (Fe)	SNI 3751: 2018 point A.8.1	
		Zinc (Zn)	SNI 3751: 2018 point A.8.2	
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B2 (Riboflavin)		
		Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)	
		Deoxynivalenol (DON)	18-5-37/MU/SMM-SIG (HPLC-PDA)	
		Deoxynivalenol (DON)	18-12-27/MU/SMM-SIG (LC-MSMS)	
		Ochratoxin A	18-5-36/MU/SMM-SIG (HPLC-FLD)	
		Ochratoxin A	18-12-27/MU/SMM-SIG (LC-MSMS)	
		Iron (Fe)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Zinc (Zn)		
		Cadmium (Cd), Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Tin (Sn)	SNI 3751: 2018 point A.9.3	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	SNI 3751: 2018 point A.9.2.4.2	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	SNI 3751: 2018 point A.10.4.2	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-29/MU/SMM-SIG (AAS-HVG)	
		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Bacillus cereus</i>	ISO 7932:2012	
Molds and yeasts	SNI ISO 21527-2:2012			
Toys	Migration of certain elements (Sb, As, Ba, Cd, Cr, Pb, Hg, Se)	SNI ISO 8124-3:2010		
Textile Toys	2-Naphthylamine	18-14-8/MU/SMM-SIG (GC-MS)		
	Biphenyl-4-Ylamine	18-14-8/MU/SMM-SIG (GC-MS)		
	4-Chloro-O-Toluidine			
	Benzidine			
	2,4,5-trimethylaniline			
	4-Methoxy-M-Phenylenediamine			
	4-Methyl-M-Phenylenediamine			
	5-Nitro-O-Toluidine			
3,3'-Dichlorobenzidine				

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	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Textile Toys	3,3'-Dimethoxybenzidine	18-14-8/MU/SMM-SIG (GC-MS)		
		4,4'-Methylenedi-o-toluidine			
		3,3-Dimethylbenzidine			
		4,4'-Methylenedianiline			
		4,4'-Methylene-bis-(2-chloro-aniline)			
		4,4'-Oxydianiline			
		4,4'-Thiodoaniline			
		O-Aminoazotoluene			
		O-Toluidine			
		4-Chloroaniline			
		6-Methoxy-m-toluidine			
		O-Anisidine			
		2,4-dimethylaniline			18-14-8/MU/SMM-SIG (GC-MS)
		2,6-dimethylaniline			
	4-aminoazobenzene				
		Formaldehyde	ISO 14184-1 :2011		
			SNI ISO 14184-1 2015		
		Extracted Metals Cadmium (Cd), Copper (Cu), Lead (Pb), Nickel (Ni)	18-13-19/MU/SMM-SIG (ICP-MS)		
	Textile		Formaldehyde		ISO 14184-1:2011
					SNI ISO 14184-1 2015
			Extracted Metals Cadmium (Cd), Copper (Cu), Lead (Pb), Nickel (Ni)		18-13-19/MU/SMM-SIG (ICP-MS)
			PBDE (2,2',4,4',6-Pentabromodiphenyl ether (BDE- 100))		ISO 17881-1 2017
			PFOA		SNI 8360 : 2017
	PFOS	SNI 8360 : 2017			
Rice		Milling degree	SNI 6128: 2015 point 7.5		
		Moisture	SNI 6128: 2020 point 7.6		
		Head rice	SNI 6128-2020, point 7.7		
		Broken Kernel	SNI 6128-2020, point 7.7		
		Grain Groats	SNI 6128-2020, point 7.7		
		Red Grain	SNI 6128-2020, point 7.8		
		Yellow/broken grain	SNI 6128-2020, point 7.8		
		Lime Grain	SNI 6128-2020, point 7.8		
		Foreign matter	SNI 6128-2020, point 7.9		
		Grain	SNI 6128-2020, point 7.9		
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)		
	Cadmium (Cd)				

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Rice	Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Tin (Sn)		
		Lead (Pb)		
		Diquat dibromide monohydrate	18-12-2-7/MU/SMM-SIG (LC-MSMS)	
		Bendiocarb	EN 15662:2018	
		Bentazone		
		2,4-D		
		Carbendazim		
		Diazinon		
		Diflubenzuron		
		Disulfoton		
		Endosulfan (Alfa)		
		Endosulfan (Beta)		
		Penthoate		
		Fipronil		
		Flutolanil		
		Imidacloprid		
		Iprodion		
		Carbaryl		
		Carbofuran		
		Chlordane (Cis)		
		Chlordane (Trans)		
		Chlorfenviphos		
		Chlorpyriphos methyl		
		Chlorothalonil		
		Methyl Parathion		
		Pirimiphos-Methyl		
		Azinphos Methyl		
		Propoxur		
		Vamidothion		
		Methamidophos		
		Cypermethrin		
		Azoxystrobin		
Clothianidin				
Dinotefuran				
Trifloxystrobin				
Consumption Iodized Salt	Moisture	SNI 3556-2016 point 6.1		
	NaCl (Sodium Chloride) (as dry basis)	18-11-7/MU/SMM-SIG (Titrimetry)		
	Water insoluble matter (as dry basis)	SNI 3556-2016 point 6.3		

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Scope of Accreditation

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Chemistry / Biology	Consumption Iodized Salt Corn	Iodine as KIO ₃	SNI 3556-2016 point 6.4		
		Moisture	SNI 3920-2013 point A.3		
		Broken Grain	SNI 3920-2013 point A.4		
		Other Color Grain	SNI 3920-2013 point A.5		
		Broken Grain	SNI 3920-2013 point A.6		
		Filth	SNI 3920-2013 point A.7		
		Qualitative tests of genetically modified food with parameters of genetically modified materials (GMO) include : 1. Promoter 35S 2. Terminator NOS 3. Adh1 maize 4. Event MON 810 maize 5. Event MIR604 maize 6. Event GA21 maize 7. Event 3272 maize 8. Event NK603 maize 9. Event Bt-11 maize	18-1/MU/SMM-SIG (PCR)		
	Corn-Animal Feed Ingredients	Soybean	Quantitative tests of genetically modified foods with parameters of genetically modified materials (GMO) include : 1. Promoter 35S 2. Terminator NOS 3. Event MON 810 maize		18-4/MU/SMM-SIG (PCR)
			Moisture		SNI 01-2891-1992 point 5.1
			Crude Protein rate		18-8-31/MU/SMM-SIG (Titrimetry)
			Broken Grain		SNI 4483: 2013 point 6.3.4
			Moldy seeds		SNI 4483: 2013 point 6.3.5
			Broken Grain		SNI 4483: 2013 point 6.3.6
			Foreign matter		SNI 4483: 2013 point 6.3.7
Moisture	SNI 01-3922-1995 point 7.3				
Split kernel	SNI 01-3922-1995 point 7.2				
Broken Grain					
Other Color Grain					
Filth					
Wrinkled grain					

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Soybean	Qualitative tests of genetically modified food with parameters of genetically modified materials (GMO) include : 1. Promoter 35S 2. Terminator NOS 3. Soybean lectin gene 4. Event Roundup ready soya	18-1/MU/SMM-SIG (PCR)	
		Quantitative tests of genetically modified foods with parameters of genetically modified materials (GMO) include : 1. Promoter 35S 2. Terminator NOS 3. Soybean lectin gene 4. Event Roundup ready soya	18-4/MU/SMM-SIG (PCR)	
	Corn and soybean processed foods : 1. The sample contains little sugar, fat, oil and chocolate : soy milk powder 2. The sample contains a lot of sugar : corn sugar, soy sauce 3. The sample contains lecithin, fat or oil : corn oil, lecithin	Quantitative tests of genetically modified foods with parameters of genetically modified materials (GMO) include : 1. Promoter 35S 2. Terminator NOS 3. Soybean lectin gene 4. Event Roundup ready soya 5. Event MON 810 maize	18-4/MU/SMM-SIG (PCR)	
Tempeh		Texture	SNI 3144: 2015 point A.2.1	
		Color	SNI 3144: 2015 point A.2.2	
		Odor	SNI 3144: 2015 point A.2.3	
		Moisture	SNI 3144: 2015 point A.3	
		Total fat	18-8-5/MU/SMM-SIG (Gravimetry)	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Crude fiber	18-11-111/MU / SMM-SIG point 3.3.2 (Gravimetry)	
		Tin (Sn)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)		
		Mercury (Hg)		
		Arsen (As)		
		Tin (Sn)		
		Coliform	ISO 4831: 2012	
Salmonella	ISO 6579:2015			
Coffee Beans		Live insects	SNI 2907: 2008 point 7.1	
		Abnormal odor/Moldy	SNI 2907: 2008 point 7.2	

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Coffee Beans	Moisture	SNI 2907: 2008 point 7.3	
		Defect & Foreign matter	SNI 2907: 2008 point 7.4.2	
	Ground Coffee	Odor	SNI 01-2891-1992 point 1.2	
		Taste	SNI 01-2891-1992 point 1.2	
		Color		
	Roasted Ground Coffee	Moisture	SNI 01-2891-1992 point 5.1	
		Ash	SNI 01-2891-1992 point 6.1	
		Alkalinity of Ash	SNI 01-2891-1992 point 6.5	
		Solids (Soluble)	SNI 01-3542-2004 point 6.5	
		Caffeine	SNI ISO 20481:2008 (HPLC-PDA)	
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Copper (Cu)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Zinc (Zn)		
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-29/MU/SMM-SIG (AAS-HVG)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Total plate count (TPC)	ISO 4833-1: 2015	
	Mold	SNI ISO 21527-2:2012		
	Ochratoxin A	18-12-27/MU/SMM-SIG (LC-MSMS)		
	Roasted Ground Coffee - In Bags	Appearance of bags	SNI 01-4282-1996 point 6.1.1	
		Odor (brewing)	SNI 01-4282-1996 point 6.1.3	
		Taste (brewing)	SNI 01-4282-1996 point 6.1.3	
		Color (Brewing)	SNI 01-4282-1996 point 6.1.3	
		Solids (Soluble)	SNI 01-4282-1996 point 6.3	
		Moisture	SNI 01-2891-1992 point 5.1	
		Ash	SNI 01-2891-1992 point 6	
		Alkalinity of Ash	SNI 01-2891-1992 point 6.5	
		Foreign matter	SNI 01-4282-1996	
Lead (Pb)		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-13-1/MU/SMM-SIG (ICP-OES)		
Copper (Cu)		18-13-1/MU/SMM-SIG (ICP-OES)		
Zinc (Zn)		18-13-1/MU/SMM-SIG (ICP-OES)		
Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)			
	18-13-1/MU/SMM-SIG (ICP-OES)			

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Roasted Ground Coffee - In Bags	Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS) 18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS) 18-4-29/MU/SMM-SIG (AAS-HVG)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Total plate count (TPC)	ISO 4833-1: 2015	
		Molds and yeasts	SNI ISO 21527-2:2012	
		Coffee Premix (Roasted Ground Coffee with Sugar and Creamer)	Odor	
	Taste			
	Color			
	Moisture		SNI 8773: 2019 point A.3	
	Ash		SNI 7708-2011 point A.4	
	Total fat		18-8-5/MU/SMM-SIG (Gravimetry)	
	Total sugar (sucrose)		18-8-8/MU/SMM-SIG (Luff-Schroorl)	
	Caffeine		SNI ISO 20481:2008 (HPLC-PDA)	
	Lead (Pb), Tin (Sn)		18-13-14/MU/SMM-SIG (ICP-MS) 18-13-1/MU/SMM-SIG (ICP-OES)	
	Mercury (Hg)		18-13-14/MU/SMM-SIG (ICP-MS) 18-4-28/MU/SMM-SIG (AAS-HVG)	
	Arsen (As)		18-13-14/MU/SMM-SIG (ICP-MS) 18-4-29/MU/SMM-SIG (AAS-HVG)	
	Copper (Cu)		18-13-1/MU/SMM-SIG (ICP-OES)	
	Zinc (Zn)			
	Cadmium (Cd)		18-13-14/MU/SMM-SIG (ICP-MS)	
	Total plate count (TPC)		ISO 4833-1: 2015	
	Coliform		ISO 4831: 2012	
	Salmonella		ISO 6579:2015	
	Staphylococcus aureus	SNI ISO 6888-1:2012		
	Molds and yeasts	SNI ISO 21527-2:2012		
	Coffee Premix (Roasted Ground Coffee with Sugar and Milk)	Odor	SNI 8773: 2019 point A.2	
		Taste		
		Color		
		Moisture	SNI 8773: 2019 point A.3	
		Ash	SNI 6685-2009 point A.7	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Sugar (sucrose)	18-8-8/MU/SMM-SIG (Luff-Schroorl)	
		Caffeine	SNI ISO 20481:2008 (HPLC-PDA)	
		Cadmium (Cd), Lead (Pb), Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS) 18-13-1/MU/SMM-SIG (ICP-OES)	

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Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Coffee Premix (Roasted Ground Coffee with Sugar and Milk)	Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS) 18-4-28/MU/SMM-SIG (AAS-HVG)		
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Arsen (As)	18-4-29/MU/SMM-SIG (AAS-HVG)		
		Total plate count (TPC)	ISO 4833-1: 2015		
		<i>Coliform</i>	ISO 4831: 2012		
		<i>Salmonella</i>	ISO 6579:2015		
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
		Molds and yeasts	SNI ISO 21527-2:2012		
		Coffee Premix	Odor	SNI 8773: 2019 point A.2.2	
			Taste	SNI 8773: 2019 point A.2.3	
	Color		SNI 8773: 2019 point A.2.1		
	Moisture		SNI 8773: 2019 point A.3		
	Ash		SNI 01-2891-1992 point 6.1		
	Caffeine		SNI ISO 20481:2008 (HPLC-PDA)		
	Copper (Cu)		18-13-1/MU/SMM-SIG (ICP-OES)		
	Zinc (Zn)				
	Lead (Pb); Tin (Sn)		18-13-14/MU/SMM-SIG (ICP-MS)		
	Lead (Pb); Tin (Sn)		18-13-1/MU/SMM-SIG (ICP-OES)		
	Arsen (As)		18-13-14/MU/SMM-SIG (ICP-MS) 18-4-29/MU/SMM-SIG (AAS-HVG)		
	Cadmium (Cd)		18-13-14/MU/SMM-SIG (ICP-MS)		
	Mercury (Hg)				
	Total plate count (TPC)	ISO 4833-1: 2015			
	Molds and yeasts	SNI ISO 21527-2:2012			
<i>Salmonella</i>	ISO 6579:2015				
Ready to Drink Coffee	Color	SNI 01-2891-1992 point 1.2			
	Odor				
	Taste				
	Caffeine	SNI ISO 20481:2008 (HPLC-PDA)			
	Lead (Pb), Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)			
		18-13-1/MU/SMM-SIG (ICP-OES)			
	Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS) 18-4-29/MU/SMM-SIG (AAS-HVG)			
	Sodium Saccharin (Na-Saccharin)	18-5-18/MU/SMM-SIG (HPLC-PDA)			
	Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)			
	Brown HT	18-5-136/MU/SMM-SIG (HPLC-PDA)			
Copper (Cu)	18-13-1/MU/SMM-SIG (ICP-OES)				

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Ready to Drink Coffee	Zinc (Zn)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Mercury (Hg)			
		Total plate count (TPC)	ISO 4833-1: 2015		
		<i>Coliform</i>	ISO 4831: 2012		
		<i>Clostridium perfringens</i>	ISO 7937:2012		
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
	Honey	Odor			SNI 01-2891-1992 point 1.2
					SNI 3545-2013 Appendix B.1
		Taste			SNI 01-2891-1992 point 1.2
					SNI 3545-2013 Appendix B.2
		Color			SNI 01-2891-1992 point 1.2
		Water insoluble matter			SNI 01-2891-1992 point 13
		Diastase Activity			18-9-15/MU/SMM-SIG (Spectrophotometry)
		HMF (Hydroxymethylfurfural)			AOAC 980.23, 2005
		Moisture			AOAC 969.38 butir B, 2005
		Reducing sugar (as glucose)			18-8-8/MU/SMM-SIG (Luff Schrool)
		Sucrose			
		Acidity			SNI 3545-2013 Appendix F
		Water-insoluble Solids			SNI 3545 : 2013 Appendix 6.9
		Ash			SNI 3545 : 2013 Appendix 6.10
		Chloramphenicol			18-12-5/MU/SMM-SIG (LC-MSMS)
		Total plate count (TPC)			ISO 4833-1: 2015
		<i>Coliform</i>			ISO 4831: 2012
		Molds and yeasts			SNI ISO 21527-2:2012
		<i>Escherichia coli</i>			ISO 7251:2012
		<i>Salmonella</i>			ISO 6579:2015
	<i>Staphylococcus aureus</i>		SNI ISO 6888-1:2012		
	Tea	Color (Brewing)			SNI 3836-2013 Appendix A.2.1
					SNI 3836-2013 Appendix A.2.2
		Taste (brewing)			SNI 3836-2013 Appendix A.2.3
		Moisture			SNI 3836-2013 Appendix A.4
		Water extract of tea			SNI 3836-2013 Appendix A.5
Ash			SNI 3836-2013 Appendix A.6		
Water-soluble ash from total ash			SNI 3836-2013 Appendix A.7		
Ash insoluble in acid			SNI 3836-2013 Appendix A.8		
Alkalinity of ash soluble in water (as KOH)			SNI 3836-2013 Appendix A.9		
Crude fiber			18-11-111/MU/SMM-SIG (Gravimetry)		

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Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Processed Cheese, Processed Cheddar Cheese	Odor	SNI 2980-2018 point A.2		
		Taste	SNI 2980-2018 point A.2		
		Color	SNI 2980-2018 point A.2		
		Fat (dried base)	18-8-5/MU/SMM-SIG (Gravimetry)		
		Total Solids	AOAC 990.19, 2005		
		Moisture	AOAC 926.08, 2008		
		Ash	SNI 01-2891-1992 point 6.1		
		Total fat	18-8-5/MU/SMM-SIG butir 3.2.2 (Gravimetry)		
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)		
		Iron (Fe)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Zinc (Zn)			
		Total solids	AOAC 990.19, 2005		
		Phosphorus (P)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Cheddar Cheese	<i>Staphylococcus aureus</i>		SNI ISO 6888-1:2012
		<i>Listeria monocytogenes</i>	ISO 11290-2: 2015		
	Black Tea (In Bag)		Color (Brewing)		SNI 3753-2014 point A.2
			Odor (brewing)		
			Taste (brewing)		
			Moisture		SNI 3753-2014 point A.3
			Ash		SNI 3753-2014 point A.4
			Water-soluble ash from total ash		SNI 3753-2014 point A.5
			Ash insoluble in acid		SNI 3753-2014 point A.6
			Alkalinity of ash soluble in water (as KOH)		SNI 3753-2014 point A.7
			Crude fiber		18-11-111/MU/SMM-SIG (Gravimetry)
			Water extract of tea		SNI 3753-2014 point A.9
			Polyphenols		18-9-20/MU/SMM-SIG (Spectrophotometry)
			Chocolate chip		
Taste					
Color					
Cacao Mass (Fat-Free) and Cocoa Solids	SNI 01-4292-1996 point 5.3				
Milk Solid (Fat-Free)	SNI 21-4292-1996 point 5.4				
Total fat	18-8-5/MU/SMM-SIG (Gravimetry)				
Total sugar (sucrose)	18-8-8/MU/SMM-SIG (Luff Schrool)				
Cocoa Powder		Odor	SNI 3747-2013 point A.2		
		Taste			
		Color			
		Fineness (passed 200 Mesh sieve)	SNI 3747-2013 point A.3		
		Shell (stone cells), calculated from fat-free dry matter	SNI 3747-2013 point A.4		
		Moisture	SNI 3747-2013 point A.5		

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AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Cocoa Powder	Total fat	18-8-5/MU/SMM-SIG (Gravimetry)		
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Cadmium (Cd)			
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Arsen (As)			
		Total plate count (TPC)	ISO 4833-1: 2015		
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
		Molds and yeasts	SNI ISO 21527-2:2012		
		<i>Escherichia coli</i>	ISO 7251:2012		
	<i>Salmonella</i>	ISO 6579:2015			
	Soy Sauce	Soy Sauce	Odor		SNI 3543.2-2013 point A.2
			Taste		
			Protein		18-8-31/MU/SMM-SIG (Titrimetry)
			NaCl (Sodium Chloride)		SNI 3543.2-2013 point A.4
			pH		SNI 3543.2-2013 point A.5
	Sweet Soy Sauce	Sweet Soy Sauce	Odor		SNI 3543.1-2013 point A.2
			Taste		
			Protein		18-8-31/MU/SMM-SIG (Titrimetry)
			Total sugar (sucrose)		18-8-8/MU/SMM-SIG (Luff Schrool)
			pH		SNI 3543.1-2013 point A.5
	Sugar Confectionery (Soft Candy)	Sugar Confectionery (Soft Candy)	Odor		SNI 3547.2-2008 point B.2
			Taste		SNI 3547.2-2008 point B.2
			Moisture		SNI 3547.2-2008 point B.3
			Ash		SNI 3547.2-2008 point B.4
			Reducing sugar (calculated as inversion sugar)		18-8-8/MU/SMM-SIG (Luff Schrool)
			Sucrose		
Taurine			18-5-21/MU/SMM-SIG (HPLC-FLD)		
Whey powder and whey products (except whey cheese)	Whey powder and whey products (except whey cheese)	Total solids	AOAC 941.08, 2005		
Premix milk & Flavored powdered cream (depending on the type of flavor), premix milk & plain powdered cream	Premix milk & Flavored powdered cream (depending on the type of flavor), premix milk & plain powdered cream				
Infant Formula	Infant Formula	Vitamin B12	18-12-6/MU/SMM-SIG (LC-MSMS)		
		Saturated Fatty Acid	18-6-1/MU/SMM-SIG (GC-FID)		
		Monounsaturated Fatty Acid (MUFA)			
		Polyunsaturated Fatty Acid (PUFA)			
		Cholesterol	18-6-5/MU/SMM-SIG (GC-FID)		
		Choline	18-12-25/MU/SMM-SIG (LC-MSMS)		
		L-Carnitine			

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Infant Formula Flavored milk-based drinks	Melamine	18-12-1/MU/SMM-SIG (LC-MSMS)	
		Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)	
	Potassium Sorbate (K Sorbate)			
	Acesulfame			
	Sodium Saccharin (Na-Saccharin)			
	Aspartame	18-5-3/MU/SMM-SIG (HPLC-PDA)		
	Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)		
	Flavored fermented milk drinks, Lassi, flavored Yogurt drinks, acidified milk, low-fat acidified milk, nonfat acidified milk, fermented milk, fermented skimmed milk, low-fat fermented milk, Yogurt	Viscosity	18-11-11/MU/SMM-SIG (Viscosimeter)	
	Full cream milk powder, low fat milk powder & reduced-fat milk powder	Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)	
		Fructose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Glucose		
		Sucrose		
		Maltose		
		Lactose		
		L-Histidine	18-5-17/MU/SMM-SIG (UPLC-PDA)	
		L-Serine		
		L-Arginine		
		Glycine		
		L-Aspartic acid		
		L-Glutamic Acid		
L-Threonine				
L-Alanine				
L-Proline				
L-Cystine				
L-Lysine HCl				
L-Tyrosine				
L-Methionine				
L-Valine				
L-Isoleusine				
L-Leucine				
L-Phenylalanine				
L-Tryptophan	18-5-63/MU/SMM-SIG (HPLC-PDA)			
Glucosamine	18-5-56/MU/SMM-SIG (HPLC-PDA)			
Aflatoxin M1	18-5-58/MU/SMM-SIG (HPLC-FLD)			
Fluoride	18-6-21/MU/SMM-SIG (GC-FID)			

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Full cream milk powder, low fat milk powder & reduced-fat milk powder	2,3,7,8-TCDD	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8-PCDD	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8-HxCDD		
		1,2,3,6,7,8-HxCDD	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8,9-HxCDD		
		1,2,3,4,6,7,8-HpCDD	18-17-1/MU/SMM-SIG (GC-MSMS)	
		Octachlorodibenzodioxin (OCDD)		
		2,3,7,8-TCDF	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8-PCDF		
		2,3,4,7,8-PCDF	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8-HxCDF		
		1,2,3,6,7,8-HxCDF	18-13-1/MU/SMM-SIG (ICP-OES)	
		1,2,3,7,8,9-HxCDF		
		2,3,4,6,7,8-HxCDF	18-13-14/MU/SMM-SIG (ICP-MS)	
		1,2,3,4,6,7,8-HpCDF		
		1,2,3,4,7,8,9-HpCDF	18-4-1/MU/SMM-SIG (AAS)	
		Octachlorodibenzofuran (OCDF)		
		Potassium (K)	18-13-14/MU/SMM-SIG (ICP-OES)	
		Magnesium (Mg)		
		Chromium (Cr)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Aluminum (Al)		
		Phosphorus (P)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Selenium (Se)		
		Cadmium (Cd)	18-4-28/MU/SMM-SIG (AAS-HVG)	
		Lead (Pb)		
		Mangan (Mn), Iron (Fe), Copper (Cu), Zinc (Zn), Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Molibdenum (Mo)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)			
	18-4-29/MU/SMM-SIG (AAS-HVG)			
Iodine	18-13-25/MU/SMM-SIG (ICP-MS)			
SiO2	18-13-22/MU/SMM-SIG (ICP-OES)			

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Sweetened Condensed Milk, Vegetable Fat Sweetened Condensed Milk, Sweetened Thick Cream, Sweetened Thick Creamer, Sweetened Condensed creamer, Khoa Condensed Milk	Total sugar (sucrose)	18-8-8/MU/SMM-SIG (Luff-Schroorl)	
		Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
		Tin (Sn)	18-13-1/MU/SMM-SIG (ICP-OES)	
Milk and milk products (Milk, raw milk, pasteurized milk, UHT milk, sterilized milk, low fat milk, reconstituted milk, recombined milk)		Manganese (Mn)	18-4-1/MU/SMM-SIG (AAS)	
		Iron (Fe), Copper (Cu), Zinc (Zn), Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Calcium (Ca)		
		Odor	SNI 01-2891-1992 point 1.2	
		Taste		
		Color	SNI 01-2891-1992 point 1.2	
		Moisture	SNI 01-2891-1992 point 5.1	
		Ash	SNI 01-2891-1992 point 6.1	
		Total fat	18-8-5/MU/SMM-SIG butir 3.2.2 (Gravimetry)	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Carbohydrate by Difference	18-8-9/MU / SMM-SIG (calculation)	
		Solid-Not-Fat	AOAC 990.21, 2005	
		Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B2 (Riboflavin)		
		Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)	
		Sunset Yellow Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
Tartrazine Qualitative				
Ponceau 4R Qualitative				
Allura Red Qualitative				
Carmoisine Qualitative				
Dried Whey		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
Ice cream		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Coliform</i>	ISO 4831: 2012	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		Molds and yeasts	BAM Chapter 18 (2001)	
			SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Ice cream	<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
		<i>Listeria monocytogenes</i>	ISO 11290-1: 2012	
Full cream milk powder	Total plate count (TPC)		ISO 4833-1: 2015	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
Milk	Total plate count (TPC)		ISO 4833-1: 2015	
		<i>Coliform</i>	ISO 4831: 2012	
		<i>Enterobacteriaceae</i>	SNI ISO 21528-1 : 2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
		<i>Listeria monocytogenes</i>	ISO 11290-1: 2012	
		<i>Coliform</i>	ISO 4831: 2012	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Bifidobacteria</i>	ISO 29981:2010	
		<i>Lactobacillus acidophilus</i>	ISO 20128:2016	
		<i>Lactobacillus casei</i>	18-7-133/MU/SMM-SIG (Plate Count)	
		<i>Clostridium perfringens</i>	BAM Chapter 16 (2001) ISO 7937:2012	
		Yogurt	<i>Bacillus cereus</i>	
<i>Salmonella</i>	ISO 6579:2015			
<i>Listeria monocytogenes</i>	ISO 11290-1: 2012			
<i>Pseudomonas aeruginosa</i>	18-7-121/MU/SMM-SIG (Plate Count)			
Cooking Oil, Vegetable Oil, Salad Oil, Ghee, Shortening, Butterfat Substitute	Odor Taste Color Moisture Free Fatty Acids Acid value Saponification Value Water Activity Vitamin A Vitamin E Saturated Fatty Acid Monounsaturated Fatty Acid (MUFA)		SNI 01-2891-1992 point 1.2	
			18-11-44/MU/SMM-SIG (Karl Fischer)	
			SNI 01-3555-1998 point 8	
			18-11-17/MU/SMM-SIG (Titrimetry)	
			SNI 01-3555-1998 point 7	
			18-11-68/MU/SMM-SIG (AW meter)	
			18-5-1/MU/SMM-SIG (HPLC-PDA)	
			18-6-1/MU/SMM-SIG (GC-FID)	

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Cooking Oil, Vegetable Oil, Salad Oil, Ghee, Shortening, Butterfat Substitute	Polyunsaturated Fatty Acid (PUFA)	18-6-1/MU/SMM-SIG (GC-FID)	
		Butylated Hydroxyanisole (BHA)	18-5-55/MU/SMM-SIG (HPLC-PDA)	
		Butylated Hydroxytoluene (BHT)		
		Tertiary Butylhydroquinone (TBHQ)		
		3-MCPD	18-14-11/MU/SMM-SIG (GC-MS)	
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Manganese (Mn)	18-4-1/MU/SMM-SIG (AAS)	
		Iron (Fe), Copper (Cu), Zinc (Zn)	18-4-1/MU/SMM-SIG (AAS)	
		Kadmium (Cd), Timbal (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
	Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-29/MU/SMM-SIG (AAS-HVG)		
	Crude palm oil (CPO), crude palm kernel oil (CPKO), Refined Bleached Deodorized Palm Kernel Oil (RBDPKO), Refined Bleached Deodorized Palm oil (RBDPO), Palm Stearin, Raw palm Stearin	Impurity	SNI 01-2901-2006 point 5.3	
		3-MCPD	18-14-11/MU/SMM-SIG (GC-MS)	
	Fat Emulsion products (Total fat is not less than 80%)	Total fat	18-8-5/MU/SMM-SIG (Gravimetry)	
		Iodine Value	AOAC 993.20, 2005	
		Peroxide Value	AOAC 965.33, 2005	
		Beta-carotene	18-5-40/MU/SMM-SIG (HPLC-PDA)	
		Curcumin	18-5-12/MU/SMM-SIG (HPLC-PDA)	
		Butylated Hydroxyanisole (BHA)	18-5-55/MU/SMM-SIG (HPLC-PDA)	
		Butylated Hydroxytoluene (BHT)		
		Tertiary Butylhydroquinone (TBHQ)		
Vegetable Oil	Total plate count (TPC)	ISO 4833-1: 2015		
	Coliform	ISO 4831: 2012		
	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
	<i>Escherichia coli</i>	ISO 7251:2012		
	<i>Salmonella</i>	ISO 6579:2015		
	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
	Molds and yeasts	SNI ISO 21527-2:2012		
Virgin oil	Total plate count (TPC)	ISO 4833-1: 2015		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Virgin oil	<i>Coliform</i>	ISO 4831: 2012		
		<i>Escherichia coli</i>	ISO 7251:2012		
		<i>Salmonella</i>	ISO 6579:2015		
			<i>Staphylococcus aureus</i>		SNI ISO 6888-1:2012
	Margarine	Total plate count (TPC)			BAM Chapter 3 (2001)
					ISO 4833-1: 2015
			<i>Coliform</i>		BAM Chapter 4 (2017)
					ISO 4831: 2012
			<i>Enterobacteriaceae</i>		ISO 21528-2: 2016
			Molds and yeasts		SNI ISO 21527-2:2012
	Milk		<i>Escherichia coli</i>		BAM Chapter 4 (2017)
					ISO 7251:2012
			<i>Salmonella</i>		BAM Chapter 5 (2018)
					ISO 6579:2015
	Edible Ice		<i>Staphylococcus aureus</i>		BAM Chapter 12 (2016)
					SNI ISO 6888-1:2012
			Odor		SNI 01-2891-1992 point 1.2
			Taste		
			Color		SNI 01-2891-1992 point 1.2
			Vitamin B2 (Riboflavin)		18-5-2/MU/SMM-SIG (UPLC-PDA)
			Vitamin B9 (Folic Acid)		18-5-38/MU/SMM-SIG (UPLC-PDA)
			Vitamin C		18-5-19/MU/SMM-SIG (HPLC-PDA)
			Fructose		18-5-15/MU/SMM-SIG (HPLC-RI)
			Glucose		
			Sucrose		
			Maltose		
			Lactose		
			Curcumin		18-5-12/MU/SMM-SIG (HPLC-PDA)
			Sodium Benzoate (Na Benzoate)		18-5-18/MU/SMM-SIG (HPLC-PDA)
			Potassium Sorbate (K Sorbate)		18-5-18/MU/SMM-SIG (HPLC-PDA)
			Acesulfame		
			Sodium Saccharin (Na-Saccharin)		
			Aspartame		18-5-3/MU/SMM-SIG (HPLC-PDA)
Cyclamate			18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)		
Tartrazine Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)				
Tartrazine Qualitative					
Sunset Yellow Qualitative					
Allura Red Qualitative					
Carmoisine Qualitative					

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Edible Ice	Allura Red Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Tartrazine		
		Sunset Yellow		
		Allura Red		
		Carmoisine		
		Ponceau 4R		
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Potassium (K)		
		Magnesium (Mg)		
		Calcium (Ca)		
		Phosphorus (P)	18-4-1/MU/SMM-SIG (AAS)	
		Manganese (Mn), Iron (Fe), Copper (Cu), Zinc (Zn)		
		Cadmium (Cd)		
		Lead (Pb)		
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Mercury (Hg)		
			18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)		
			18-13-14/MU/SMM-SIG (ICP-MS)	
		18-4-29/MU/SMM-SIG (AAS-HVG)		
	Ice stick	Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Coliform</i>	ISO 4831: 2012	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
<i>Salmonella</i>		ISO 6579:2015		
<i>Staphylococcus aureus</i>		SNI ISO 6888-1:2012		
Ice flake		Total plate count (TPC)	SNI 3554: 2015 point 3.28.1	
		<i>Coliform</i>	SNI 3554: 2015 point 3.28.2	
	<i>Enterococci</i>	SNI 3554: 2015 point 3.28.4		
	<i>Clostridium perfringens</i>	ISO 14189:2013		
	<i>Escherichia coli</i>	SNI 3554: 2015 point 3.28.2		

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AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Candied Fruit Peel, Fruit Puree, Fruit Paste, Fruit Sauce, Apple sauce, Fruit Topping, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour	Total Dissolved Solids	18-11-10/MU/SMM-SIG (Refraktometri)		
		Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)		
		Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)		
		Potassium Sorbate (K Sorbate)			
	Packaged Vegetable, Packaged Tomato, Packaged Sweet Corn, Canned Mushroom, Canned Asparagus, Canned Carrot, Canned Bamboo Shoot	Examination of Coffee Bags	SNI 01-2891-1992 point 1.1		
		Odor	SNI 01-2891-1992 point 1.2		
		Taste			
		Color			
		Drained Weight	SNI 01-2891-1992 point 2		
		Headspace	SNI 01-2891-1992 point 3		
		Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)		
	Dried/Dehydrated Vegetable, Dried Chilli Pepper, Dried Mushroom, Dried Seaweed, Nori, Dried Salted Vegetable, Dried Beans, & Dried Peas	Vitamin E			
		Formaldehyde (qualitative)	18-11-5/MU/SMM-SIG (Kit)		
	Vegetable, Fresh Legume & Grain	Arsen (As)	18-4-29/MU/SMM-SIG (AAS-HVG)		
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Tin (Sn)			
		Mercury (Hg)			
		Arsen (As)			
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)		
Aflatoxin B1		18-5-30/MU/SMM-SIG (HPLC-FLD)			
Aflatoxin B2					
Aflatoxin G1					
Aflatoxin G2					
Total Aflatoxin					
Manganese (Mn)		18-4-1/MU/SMM-SIG (AAS)			
Iron (Fe)					
Copper (Cu)					
Zinc (Zn)					
Cadmium (Cd)		18-13-1/MU/SMM-SIG (ICP-OES)			
Lead (Pb)					
Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)				
Mercury (Hg)	18-4-28/MU/SMM-SIG (AAS-HVG)				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Seaweed (Nori)	Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)		
		Lead (Pb)			
		Mercury (Hg)			
		Arsen (As)			
		Arsen (As)			18-4-33/MU/SMM-SIG (AAS-HVG)
		Inorganic Arsenic			
	Fresh Fruit	Total plate count (TPC)	ISO 4833-1: 2015		
		Coliform	ISO 4831: 2012		
		Molds and yeasts	SNI ISO 21527-2:2012		
		<i>Clostridium perfringens</i>	ISO 7937:2012		
		<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1: 2020		
		<i>Escherichia coli</i>	BAM Chapter 4 (2017)		
			ISO 7251:2012		
		<i>Salmonella</i>	ISO 6579:2015		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
		Fresh Vegetables	Molds and yeasts		SNI ISO 21527-2:2012
	<i>Clostridium perfringens</i>		ISO 7937:2012		
	<i>Bacillus cereus</i>		ISO 7932:2004/Amd 1: 2020		
	<i>Escherichia coli</i>		BAM Chapter 4 (2017)		
	<i>Escherichia coli</i>		ISO 7251:2012		
	<i>Salmonella</i>		ISO 6579:2015		
	<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018		
	Packaged Fruit	Total plate count (TPC)	ISO 4833-1: 2015		
		Coliform	ISO 4831: 2012		
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
		Molds and yeasts	SNI ISO 21527-2:2012		
		Thermophilic Aerobic Spore Count	18-7-119/MU/SMM-SIG (Plate Count)		
<i>Clostridium perfringens</i>		ISO 7937:2012			
<i>Escherichia coli</i>		ISO 7251:2012			
<i>Salmonella</i>		ISO 6579:2015			
<i>Staphylococcus aureus</i>		SNI ISO 6888-1:2012			
Fruit Jam		Total plate count (TPC)	ISO 4833-1: 2015		
		Coliform	ISO 4831: 2012		
	Molds and yeasts	SNI ISO 21527-2:2012			
	Clostridium sp.	ISO 15213: 2017			
	<i>Escherichia coli</i>	ISO 7251:2012			
	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012			
	Fruit Puree	Total plate count (TPC)	ISO 4833-1: 2015		
Coliform		ISO 4831: 2012			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Fruit Puree	Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
	Nata De Coco	<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
	Banana Chips	Total plate count (TPC)	ISO 4833-1: 2015	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 16649-2: 2016	
	Frozen Potatoes	Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Listeria monocytogenes</i>	ISO 11290-2: 2015	
	Peanuts	<i>Bacillus cereus</i>	ISO 7932:2012	
	Peanut Butter	Total plate count (TPC)	ISO 4833-1: 2015	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Salmonella</i>	ISO 6579:2015	
	Kimchi	<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
	Cocoa Powder, Breakfast Cocoa, Medium Fat Cocoa, Low Fat Cocoa, Cocoa Dust, Fine Cocoa Powder, & Cacao Nibs	Water Activity	18-11-68/MU/SMM-SIG (AW meter)	
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)		
		Mercury (Hg)		
	Sugar Confectionery (Soft Candy)	Arsen (As)		
		Tartrazine Lake	18-5-59/MU/SMM-SIG (HPLC-PDA)	
Sunset Yellow Lake				
Ponceau 4R Lake		18-5-59/MU/SMM-SIG (HPLC-PDA)		
Brilliant blue Lake				
Titanium dioxide		18-13-1/MU/SMM-SIG (ICP-OES)		
Odor		SNI 01-2891-1992 point 1.2		
Taste		SNI 01-2891-1992 point 1.2		
Color				
Moisture		SNI 3547.1-2008		
Ash		SNI 3547.1-2008 point B.4		
Ash		SNI 01-2891-1992 point 6.1		
Reducing Sugar		18-8-8/MU/SMM-SIG (Luff-Schroorl)		
Total sugar (sucrose)				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Sugar Confectionery (Hard Candy)	Curcumin	18-5-12/MU/SMM-SIG (HPLC-PDA)	
		Acesulfame	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Aspartame	18-5-3/MU/SMM-SIG (HPLC-PDA)	
		Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)	
		Allura Red Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Ponceau 4R Qualitative		
		Brilliant Blue Qualitative		
		Sunset Yellow Qualitative		
		Tartrazine Qualitative		
		Tartrazine		
		Erythrosine		
		Brilliant blue		
		Indigotin		
		Sodium copper chlorophyllin as Cu	18-13-20/MU/SMM-SIG (ICP-OES)	
		Manganese (Mn)	18-4-1/MU/SMM-SIG (AAS)	
		Copper (Cu)		
		Zinc (Zn)		
		Tin (Sn)		
		Mercury (Hg)	18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	18-4-29/MU/SMM-SIG (AAS-HVG)	
	Total plate count (TPC)	ISO 4833-1: 2015		
	<i>Coliform</i>	ISO 4831: 2012		
	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
	Molds and yeasts	SNI ISO 21527-2:2012		
	<i>Escherichia coli</i>	ISO 7251:2012		
	<i>Salmonella</i>	ISO 6579:2015		
	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
	Cocoa Mass and Chocolate Liquor, Cocoa Press Cake, Drinking Cocoa, Drinking Chocolate, Instant Chocolate	Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B2 (Riboflavin)		
		Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)	
	Cocoa Products & Chocolate	Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)	
		Moisture	AOAC 931.04, 2008	
	Chocolate Paste	Quinoline Yellow (E104)	18-5-28-7/MU/SMMSIG (HPLC-PDA)	
		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Coliform</i>	ISO 4831: 2012	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Salmonella</i>	ISO 6579:2015	

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Chocolate Vermicelli/ Chocolate Flakes	<i>Molds and yeasts</i>	SNI ISO 21527-2:2012	
		Total plate count (TPC)	ISO 4833-1: 2015	
	Chocolate Drop	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Molds and yeasts</i>	SNI ISO 21527-2:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		Total plate count (TPC)	ISO 4833-1: 2015	
	Soft candy (Not Jelly)	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Molds and yeasts</i>	SNI ISO 21527-2:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		Moisture	SNI 01-2891-1992 point 5.1	
	Whole Grain	Carbohydrate by difference	18-8-9/MU / SMM-SIG (calculation)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)		
		Tin (Sn)		
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Arsen (As)		
		Arsenite / As (III)	18-13-15/MU/SMM-SIG (LC ICP-MS)	
		Arsenate / As(V)		
	Arsenobetaine (AsB)			
	DMA (Dimethylarsenic acid)			
	Complementary Feeding Stuff (Instant Powder, Ready to Eat, Ready to Cook, and Biscuit)	Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)	
	Instant Noodle, Macaroni (Pasta), Wheat Noodle, Instant Rice Vermicelli Noodle, Kwetiau, Instant Macaroni, Cooked Wet Noodle, Instant Rice, Instant Cereals Porridge, Glass Noodle, Rice Vermicelli Noodle	Cadmium (Cd)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Lead (Pb)		
		Mercury (Hg)	18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	18-4-29/MU/SMM-SIG (AAS-HVG)	
		Meat authenticity (Porcine DNA Identification)	18-11-47/MU/SMM-SIG (PCR)	
Pre-cooked Pasta and noodles and similar products	Carbonate, bicarbonate	18-11-182/MU/SMM-SIG (Titrimetry)		
	Cholesterol	18-6-5/MU/SMM-SIG (GC-FID)		
	Total carotenoids	18-9-16/MU/SMM-SIG (Spectrophotometry)		
Refined Cereals Product	Odor	SNI 01-2891-1992 point 1.2		
	Taste			
	Color			
	Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)		
	Cholesterol	18-6-5/MU/SMM-SIG (GC-FID)		
	Aspartame	18-5-3/MU/SMM-SIG (HPLC-PDA)		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Wheat Flour, Self-Raising Wheat Flour, Chlorinated Wheat Flour, Protein Fortified Wheat Flour, Wholemeal Wheat Flour	Ash	SNI 01-2891-1992 point 6.1	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Iron (Fe)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Zinc (Zn)		
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B2 (Riboflavin)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Aflatoxin B1	18-12-27/MU/SMM-SIG (LC-MSMS)	
		Aflatoxin B2		
		Aflatoxin G1		
		Aflatoxin G2		
		Total Aflatoxin		
		Ochratoxin A	18-12-27/MU/SMM-SIG (LC-MSMS)	
			18-5-36/MU/SMM-SIG (HPLC-FLD)	
			18-5-37/MU/SMM-SIG (HPLC-PDA)	
			18-12-27/MU/SMM-SIG (LC-MSMS)	
	Aflatoxin M1	18-12-27/MU/SMM-SIG (LC-MSMS)		
Refined Cereals Products		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Molds and yeasts</i>	SNI ISO 21527-2:2012	
		<i>Bacillus cereus</i>	ISO 7932:2012	
		<i>Salmonella</i>	ISO 6579:2015	
Pasta and noodles		<i>Salmonella</i>	ISO 6579:2015	
Macaroni		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Molds and yeasts</i>	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
Dried Pasta/Spagetti		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Molds and yeasts</i>	SNI ISO 21527-2:2012	
		<i>Salmonella</i>	ISO 6579:2015	
Soybean Drink Powder		Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
Biscuit (Sweet) or Cookies, or Sweet Crackers, Marie Biscuit, Coated Marie Biscuit, Bagel Bread, Coated Biscuit, Biscuit Stick		Moisture	SNI 2973:2022 (SNI ISO 712)	
		Ash	SNI 01-2891-1992 point 6.1	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Carbohydrate by Difference	18-8-9/MU / SMM-SIG (calculation)	
		Dietary fiber	18-8-6-2/MU/SMM-SIG (Enzimatis Gravimetry)	
		Crude fiber	18-11-111/MU/SMM-SIG (Gravimetry)	

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Biscuit (Sweet) or Cookies, or Sweet Crackers, Marie Biscuit, Coated Marie Biscuit, Bagel Bread, Coated Biscuit, Biscuit Stick	Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Gluten Allergens	18-11-176/MU/SMM-SIG (Test Kit)	
		Soy Allergens	18-11-197/MU/SMM-SIG (KIT)	
		Fluoride	18-6-21/MU/SMM-SIG (GC-FID)	
		Calcium (Ca)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Manganese (Mn), Iron (Fe)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Copper (Cu)	18-4-1/MU/SMM-SIG (AAS)	
		Zinc (Zn)		
		Cadmium (Cd), Lead (Pb), Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
	Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-29/MU/SMM-SIG (AAS-HVG)		
	Cake, Cookies, Pie, Butter Cake, Cheese Cake, Pound Cake or Quatre Quarts, Apple Pie, Bagel Bread, Wafer, Wafer Roll, Coated Wafer, Sugar Cookie, Oatmeal Cookie, Bika Ambon, Serabi, Pukis, Kue Cucur, Cerabikang, Cakue, Kue Bantal, Kue Ape, Egg Roll	Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Potassium Sorbate (K Sorbate)		
		Tartrazine	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Sunset Yellow		
		Allura Red	18-5-28/MU/SMM-SIG (HPLC-PDA)	
	Other Special Bakery Products (E.g. Doughnut, Sweet Rolls, Scones, and Muffins)	Carmoisine		
		Ponceau 4R		
		Propionic Acid	18-6-11/MU/SMM-SIG (GC-FID)	
	Fruit Loaf/Raisin Bread, Fortified Bread, Roll Bread, White Bread, Peeled White Bread, Milk Bread, Milk Roll, Milk Bun, Wheat Germ Bread, Meal Bread, Whole Meal Brad, Whole Wheat Bread, Rye Bread, Pumpernickel Bread	Odor	SNI 01-2891-1992 point 1.2	
Taste				
Color				
Copper (Cu)		18-13-1/MU/SMM-SIG (ICP-OES)		
Zinc (Zn)				
Tin (Sn)		18-4-1/MU/SMM-SIG (AAS)		
White Bread	Total plate count (TPC)	ISO 4833-1: 2015		
	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
	<i>Molds and yeasts</i>	SNI ISO 21527-2:2012		
	<i>Escherichia coli</i>	ISO 7251:2012		
	<i>Salmonella</i>	ISO 6579:2015		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Cake Premix	Total plate count (TPC)	ISO 4833-1: 2015		
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
		<i>Molds and yeasts</i>	SNI ISO 21527-2:2012		
		<i>Salmonella</i>	ISO 6579:2015		
	Indonesian Typical Processed Meat, Cooked Cured Beef Shank, Undercooked Beef Chuck, Canned Chicken Meat, Tsukudani, Indonesian Typical Processed Meat Fillet, Coated And Marinated Meat Products, Packaged Meat with Broth, Canned Meat without Broth, Cooked Cure Meat	Meat, Poultry, Game Meat (Grounded, Processed, and Freezed)	Moisture		SNI 7474:2020 (ISO 1442)
			Moisture		SNI 3818: 2014 point A.3
			Residual Sulfites		SNI 6683: 2014 point A.4
			Examination of Canned Foods		18-11-26/MU/SMM-SIG (Titrimetry)
			Odor		SNI 01-2891-1992 point 1.1
			Taste		SNI 01-2891-1992 point 1.2
			Color		
			Moisture		SNI 3820: 2015 point A.3
			Ash		SNI 01-2891-1992 point 6.1
			Total fat		18-8-5/MU/SMM-SIG butir 3.2.2 (Gravimetry)
			Protein		18-8-31/MU/SMM-SIG (Titrimetry)
			Carbohydrate by Difference		18-8-9/MU / SMM-SIG (calculation)
			NaCl (Sodium Chloride)		18-11-7/MU/SMM-SIG (Titrimetry)
			Vitamin B1 (Thiamine)		18-5-2/MU/SMM-SIG (UPLC-PDA)
			Vitamin B2 (Riboflavin)		
			Vitamin A		18-5-1/MU/SMM-SIG (HPLC-PDA)
			Vitamin E		
	L-Histidine	18-5-17/MU/SMM-SIG (UPLC-PDA)			
	L-Serine				
	L-Arginine				
	Glycine				
L-Aspartic acid					
L-Glutamic Acid					
L-Threonine					
L-Alanine					
L-Proline					
L-Cystine					
L-Lysine HCl					

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Meat, Poultry, Game Meat (Grounded and Processed by Heat Treated)	L-Tyrosine	18-5-17/MU/SMM-SIG (UPLC-PDA)		
		L-Methionine			
		L-Valine			
		L-Isoleusine			
		L-Leucine			
		L-Phenylalanine			
		L-Tryptophan	18-5-63/MU/SMM-SIG (HPLC-PDA)		
		Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)		
		Potassium Sorbate (K Sorbate)	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Carmoisine			
		Tartrazine			
		Sunset Yellow			
		Allura Red			
		Ponceau 4R	18-11-5/MU/SMM-SIG (Kit)		
		Formaldehyde (qualitative)			
		Magnesium (Mg)			18-13-1/MU/SMM-SIG (ICP-OES)
		Calcium (Ca)			18-4-1/MU/SMM-SIG (AAS)
		Manganese (Mn)			
		Iron (Fe), Copper (Cu), Zinc (Zn), Tin (Sn)			
					18-4-1/MU/SMM-SIG (AAS)
					18-13-1/MU/SMM-SIG (ICP-OES)
	Phosphorus (P)	18-13-1/MU/SMM-SIG (ICP-OES)			
	Cadmium (Cd)	18-4-28/MU/SMM-SIG (AAS-HVG)			
	Lead (Pb)				
	Mercury (Hg)				
	Arsen (As)				
	Meat authenticity (Porcine DNA Identification)		18-11-47/MU/SMM-SIG (PCR)		
	Meat Floss	<i>Clostridium perfringens</i>	ISO 7937:2012		
		<i>Escherichia coli</i>	ISO 16649-2: 2016		
		<i>Escherichia coli</i>	ISO 7251:2012		
		<i>Salmonella</i>	ISO 6579:2015		
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
	Corned meat	Thermophilic Aerobic Spore Count	SNI 01-3775-2016 point B.9.6		
Meat balls	Total plate count (TPC)	ISO 4833-1: 2015			
	<i>Coliform</i>	ISO 4831: 2012			
	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016			
	Molds and yeasts	SNI ISO 21527-2:2012			
	<i>Clostridium perfringens</i>	ISO 7937:2012			
	<i>Escherichia coli</i>	ISO 7251:2012			
	<i>Salmonella</i>	ISO 6579:2015			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Meat balls	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012		
		<i>Listeria monocytogenes</i>	ISO 11290-1: 2012		
		<i>Vibrio cholerae</i>	SNI ISO/TS 21872-1:2015		
<i>Vibrio parahaemolyticus</i>		SNI ISO/TS 21872-1:2015			
<i>Shigella</i>		ISO 21567 : 2017			
Preserved Fish and Fishery Product	Examination of Canned Foods		SNI 01-2891-1992 point 1.1		
		Odor	SNI 01-2891-1992 point 1.2		
	Taste				
	Color				
	Drained Weight	SNI 2372.2:2011			
	Headspace	SNI 01-2372.4-2006 point 5			
	Fresh Fish	Total Volatile Base Nitrogen (TVB-N)			18-11-125/MU/SMM-SIG (Titrimetry)
		Trimethylamine Nitrogen (TMA-N)			18-11-200/MU/SMM-SIG (Titrimetry)
		Formaldehyde (qualitative)			18-11-5/MU/SMM-SIG (Kit)
		Formaldehyde			18-5-29/MU/SMM-SIG (HPLC-PDA)
Histamine			SNI ISO 19343:2017 (HPLC-PDA)		
Brilliant Green			18-12-22/MU/SMM-SIG (LC-MSMS)		
Crystal Violet					
Leuco Crystal Violet					
Leuco Malachite Green					
Malachite Green					
Tetracyclin HCl			18-12-7/MU/SMM-SIG (LC-MSMS)		
Chlortetracycline					
Oxytetracycline			18-12-7/MU/SMM-SIG (LC-MSMS)		
Manganese (Mn)			18-4-1/MU/SMM-SIG (AAS)		
Iron (Fe)					
Copper (Cu)					
Zinc (Zn)					
Phosphorus (P)		18-13-1/MU/SMM-SIG (ICP-OES)			
Cadmium (Cd), Lead (Pb)		18-13-14/MU/SMM-SIG (ICP-MS)			
		18-13-1/MU/SMM-SIG (ICP-OES)			
Tin (Sn)		18-4-1/MU/SMM-SIG (AAS)			
Mercury (Hg)		18-13-14/MU/SMM-SIG (ICP-MS)			
		18-4-28/MU/SMM-SIG (AAS-HVG)			
Arsen (As)		18-13-14/MU/SMM-SIG (ICP-MS)			
		18-4-29/MU/SMM-SIG (AAS-HVG)			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks		
Chemistry / Biology	Fish, fish fillets and fishery products include Frozen mollusks, crustaceans and echinoderms	Protein	18-8-31/MU/SMM-SIG (Titrimetry)			
	Fresh mollusks, crustaceans and echinoderms	Chloramphenicol	18-12-5/MU/SMM-SIG (LC-MSMS)			
Frozen Shrimp/Prawn		Total plate count (TPC)	SNI 2332.3:2015 ISO 4833-1: 2015			
		<i>Coliform</i>	SNI 2332.1:2015			
		Molds and yeasts	SNI 2332.7:2015			
		Thermophilic Aerobic Spore Count	18-7-119/MU/SMM-SIG (Plate Count)			
		<i>Escherichia coli</i>	SNI 2332.1:2015 ISO 7251:2012			
		<i>Salmonella</i>	SNI 01-2332-2-2006 ISO 6579:2015			
		<i>Staphylococcus aureus</i>	SNI 2332.9-2015			
		<i>Listeria monocytogenes</i>	ISO 11290-1: 2012			
		<i>Vibrio cholerae</i>	SNI 01-2332.4 : 2006			
		<i>Vibrio parahaemolyticus</i>	SNI 01-2332.5 : 2006			
		Shrimp/Prawn Crackers	<i>Shigella</i>	ISO 21567 : 2017		
		Raw Egg (Whole)		Total plate count (TPC)	ISO 4833-1: 2015	
				<i>Coliform</i>	ISO 4831: 2012	
				<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
Molds and yeasts	BAM Chapter 18 (2001) SNI ISO 21527-2:2012					
<i>Escherichia coli</i>	ISO 7251:2012					
<i>Salmonella</i>	ISO 6579:2015					
<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012					
Raw egg		Odor	SNI 01-2891-1992 point 1.2			
		Taste	SNI 01-2891-1992 point 1.2			
		Color				
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)			
		Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)			
		Vitamin E				
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)			
		Vitamin B2 (Riboflavin)				
		Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)			
		Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)			
		Cholesterol	18-6-5/MU/SMM-SIG (GC-FID)			
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP-OES)			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Raw egg	Potassium (K)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Magnesium (Mg)		
		Calcium (Ca)		
		Manganese (Mn), Iron (Fe), Copper (Cu), Zinc (Zn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Phosphorus (P)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Cadmium (Cd), Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
	Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-29/MU/SMM-SIG (AAS-HVG)		
	Custard flour	Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Coliform</i>	ISO 4831: 2012	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
	Sugar and syrups	Specific Gravity	SNI 01-2891-1992 point 17.2	
		Water Activity	18-11-68/MU/SMM-SIG (AW meter)	
		Viscosity	18-11-11/MU/SMM-SIG (Viscosmeter)	
		Manganese (Mn)	18-4-1/MU/SMM-SIG (AAS)	
		Iron (Fe)		
		Copper (Cu)		
Zinc (Zn)				
Tin (Sn)				
Mercury (Hg)		18-4-28/MU/SMM-SIG (AAS-HVG)		
Arsen (As)		18-4-29/MU/SMM-SIG (AAS-HVG)		
White Crystalline Sugar		Solution color	SNI 3140.3 2010 point 7.3. ICUMSA	
	Solution color	SNI 3140.2 2011 point A.6. ICUMSA		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Garlic, Shallot, Chives, Celery Seed, Mustard Seed, Mustard Powder, Javanese Long Pepper, Red Chilli Pepper, Chilli Paste, Chilli Powder, Dill Seed, Anise, Dill, Star Anise, Ender, Dill Weed, Fenugreek, Fenugreek Powder, Fenugreek Seed, Fenugreek Seed Powder, Dried Mace, Mace Powder, Raw Ginger, Dried Ginger, Ginger Puree, Ginger Powder, Caraway, Caraway Powder, Aniseed/sweet cumin, Black Cumin Seed, Black Cumin Seed Powder, Cumin, Cumin Powder, Cardamom (Ammomum), Cardamom Seed (Ammomum), Siam Cardamom (Ammomum), Indian Cardamom (Elettaria), Cardamom Seed (Elettaria), Cardamom Powder (Elettaria), Cinnamon, Cinnamon Powder, Candlenut with Shell, Candlenut, Candlenut Powder, Aromatic Ginger, Aromatic Ginger Powder, Coriander Seed, Coriander (Cilantro), Coriander Seed Powder, Pangi Nut, Turmeric, Turmeric Powder, Black Pepper, Black Pepper Powder, Pepper, Pepper Powder, Mix Pepper Powder, Andaliman, Galangal, Galangal Powder, Torch Ginger/ red ginger lily, Marjoram, Mint, Onion, Onion Powder, Oregano, Nutmeg, Distilled Nutmeg, Nutmeg Powder, Parsley, Bell Pepper Powder, Sweet Bell Pepper Powder, Rosemary, Sage, Saffron, Fingerroot, Tarragon, Thyme	Volatile Oil Content	ISO 6571-2008		
		Piperine	SNI 0004-2013 point J		
		Piperine	SNI 0005-2013 point I		
		Sudan I	18-5-44/MU/SMM-SIG (HPLC-PDA)		
		Sudan II			
		Sudan III			
		Sudan IV			
		Beef Extract, Beef Flavor Seasoning, Chicken Meat Extract, Chicken Meat Flavor Seasoning, Meat Extract Paste (e.g. Beef Extract Paste dan Chicken Meat Extract Paste)	3-MCPD		18-14-11/MU/SMM-SIG (GC-MS)
			Sulphur (S)		18-13-1/MU/SMM-SIG (ICP-OES)
		Non Fermented/Hydrolysate Soy Sauce, Salty Soy Sauce	pH		SNI 3543.2-2013
			Protein		18-8-31/MU/SMM-SIG (Titrimetry)
			NaCl (Sodium Chloride)		SNI 3543.2-2013

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Tomato Paste, Tomato Puree (Pulp), Horseadish Puree (Pulp), Aloe Vera Extract, Salsa	Examination of Canned Foods	SNI 01-2891-1992 point 1.1	
	Chilli Sauce, Chilli Soy Sauce, Green Chilli Sauce, Sambal, Ready to Eat Sambal, Hydrolyzed Vegetable Protein (HVP) Sauce, Hydrolyzed Vegetable Protein Blended Sauce	Odor	SNI 01-2891-1992 point 1.2	
		Taste		
		Color		
		pH	SNI 01-2891-1992 point 16	
		pH	SNI 3543.1-2013	
		Ash	SNI 01-2891-1992 point 6.1	
		Total sugar (sucrose)	18-8-8/MU/SMM-SIG (Luff-Schoorl)	
		Total Dissolved Solids	18-11-98/MU/SMM-SIG (Gravimetry)	
		NaCl (Sodium Chloride)	18-11-7/MU/SMM-SIG (Titrimetry)	
		Water Activity	18-11-68/MU/SMM-SIG (AW meter)	
	Chilli Sauce, Chilli Soy Sauce, Green Chilli Sauce, Sambal, Ready to Eat Sambal, Hydrolyzed Vegetable Protein (HVP) Sauce, Hydrolyzed Vegetable Protein Blended Sauce	Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Potassium Sorbate (K Sorbate)		
		Residual Solvent Methanol	18-6-4/MU/SMM-SIG (GC-FID Head space)	
		Residual Solvent Ethanol		
		Residual Solvent n-Propanol		
		Residual Solvent 2-Propanol		
		Residual Solvent Dichloromethane		
		Residual Solvent Acetone		
		Residual Solvent Acetonitril		
		Residual Solvent Benzene		
		Residual Solvent Chloroform		
		Residual Solvent Ethyl Acetate		
		Residual Solvent Toluene		
	Manganese (Mn)	18-4-1/MU/SMM-SIG (AAS)		
	Iron (Fe)			
	Copper (Cu)			
	Zinc (Zn)			
	Chilli Sauce, Chilli Soy Sauce, Green Chilli Sauce, Sambal, Ready to Eat Sambal, Hydrolyzed Vegetable Protein (HVP) Sauce, Hydrolyzed Vegetable Protein Blended Sauce	Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)		
		Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
Mercury (Hg)		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-28/MU/SMM-SIG (AAS-HVG)		
Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)			
	18-4-29/MU/SMM-SIG (AAS-HVG)			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Fermented Soy Sauce Pepper Powder	3-MCPD	18-14-11/MU/SMM-SIG (GC-MS)		
		Total plate count (TPC)	ISO 4833-1: 2015		
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016		
		Molds and yeasts	SNI ISO 21527-2:2012		
		<i>Clostridium perfringens</i>	ISO 7937:2012		
		<i>Bacillus cereus</i>	ISO 7932:2012		
		<i>Salmonella</i>	ISO 6579:2015		
	Mayonnaise	Mayonnaise	Total plate count (TPC)		BAM Chapter 3 (2001) ISO 4833-1: 2015
			<i>Coliform</i>		BAM Chapter 4 (2017) ISO 4831: 2012
			<i>Enterobacteriaceae</i>		ISO 21528-2: 2016
			Molds and yeasts		SNI ISO 21527-2:2012
			<i>Clostridium perfringens</i>		ISO 7937:2012
			<i>Escherichia coli</i>		ISO 7251:2012
			<i>Salmonella</i>		BAM Chapter 5 (2018)
			<i>Salmonella</i>		ISO 6579:2015
			<i>Staphylococcus aureus</i>		BAM Chapter 12 (2016) SNI ISO 6888-1:2012
			Chili sauce		Chili sauce
	<i>Coliform</i>	ISO 4831: 2012			
	<i>Enterobacteriaceae</i>	ISO 21528-2: 2016			
	Molds and yeasts	SNI ISO 21527-2:2012			
	<i>Escherichia coli</i>	ISO 7251:2012			
	<i>Salmonella</i>	ISO 6579:2015			
	<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012			
	Sweet soy sauce	Sweet soy sauce	<i>Enterobacteriaceae</i>		ISO 21528-2: 2016
			Molds and yeasts		BAM Chapter 18 (2001) SNI ISO 21527-2:2012
			<i>Clostridium sp.</i>		ISO 15213: 2017
	Infant Formula	Infant Formula	Cadmium (Cd), Lead (Pb), Tin (Sn)		18-13-14/MU/SMM-SIG (ICP-MS) 18-13-1/MU/SMM-SIG (ICP-OES)
			Mercury (Hg)		18-13-14/MU/SMM-SIG (ICP-MS) 18-4-28/MU/SMM-SIG (AAS-HVG)
			Arsen (As)		18-13-14/MU/SMM-SIG (ICP-MS) 18-4-29/MU/SMM-SIG (AAS-HVG)
Complementary Feeding Stuff (Instant Powder, Ready to Eat, Ready to Cook, and Biscuit)	Complementary Feeding Stuff (Instant Powder, Ready to Eat, Ready to Cook, and Biscuit)	Odor	SNI 01-2891-1992 point 1.2		
		Taste			
		Color			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks		
Chemistry / Biology	Complementary Feeding Stuff (Instant Powder, Ready to Eat, Ready to Cook, and Biscuit)	Vitamin B12	18-12-6/MU/SMM-SIG (LC-MSMS)			
		Aflatoxin B1	18-12-27/MU/SMM-SIG (LC-MSMS)			
		Aflatoxin B2				
		Aflatoxin G1				
		Aflatoxin G2				
		Total Aflatoxin				
		Ochratoxin A				
		Deoxynivalenol (DON)				
		Aflatoxin M1				
		Fumonisin B1				
		Fumonisin B2				
		Food Supplements			Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)
					Vitamin E	
					Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)
Vitamin B2 (Riboflavin)						
Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)					
Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)					
L-Histidine	18-5-17/MU/SMM-SIG (UPLC-PDA)					
L-Serine						
L-Arginine						
Glycine						
L-Aspartic acid						
L-Glutamic Acid						
L-Threonine						
L-Alanine						
L-Proline						
L-Cystine						
L-Lysine HCl						
L-Tyrosine						
L-Methionine						
L-Valine						
L-Isoleusine						
L-Leucine						
L-Phenylalanine						
L-Tryptophan	18-5-63/MU/SMM-SIG (HPLC-PDA)					
Full Cream Milk Powder, Instant Full Cream Milk, Low Fat Milk Powder & Reduced Fat Milk Powder	Copper (Cu)	18-13-1/MU/SMM-SIG (ICP-OES)				
Complementary Feeding Stuff	Total plate count (TPC)	ISO 4833-1: 2015				

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Complementary Feeding Stuff	<i>Coliform</i>	ISO 4831: 2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
	Premature infant Formula	<i>Enterobacter sakazakii</i>	SNI ISO/TS 22964:2016	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		<i>Bacillus cereus</i>	ISO 7932:2012	
	Bottled Water, Mineral Water, Demineralized Water, Sparkling Water, Oxygenated Water, Vitamin-Enhanced Water, Hexagonal Water	Manganese (Mn)	18-10-11/MU/SMM-SIG (ICP-OES)	
		Iron (Fe)		
		Copper (Cu)		
		Zinc (Zn)		
		Cadmium (Cd), Lead (Pb)	18-10-11/MU/SMM-SIG (ICP-OES)	
			18-10-11/MU/SMM-SIG (ICP-OES)	
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Mercury (Hg)		
	Coffee Bean, Roasted Ground Coffee, Instant Coffee, Coffee Mix Products, Ready To Drink Coffee, Liquid Coffee Concentrate, Cappucinno	Arsen (As)		
		Caffeine	SNI ISO 20481:2008 (HPLC-PDA)	
		Copper (Cu)	18-13-11/MU/SMM-SIG (ICP-OES)	
		Zinc (Zn)		
		Phosphorus (P)		
		Cadmium (Cd)		
		Lead (Pb)		
		Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
		Tin (Sn)	18-13-11/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)	
	Sugar and syrups	Alkalinity of Ash	SNI 01-2891-1992 point 6.5	
Silicate		SNI 01-2891-1992 point 6.4		
Carbonated Electrolyte Drink, Carbonated Hypotonic Drinks, Carbonated Isotonic Drink, Carbonated Hypertonic Drink, Carbonated Electrolyte Drinks Base, Carbonated Powder Drink, Formulated Caffeinated Beverages, Flavoured Beverages, Ginger Ale, Sarsaparilla, Root Beer, Birch Beer, Cream Soda, Citrus Drinks, Cola Drinks, Lemonade	Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)		
	Potassium Sorbate (K Sorbate)			
	Sodium Saccharin (Na-Saccharin)			
	Sodium (Na)	18-13-11/MU/SMM-SIG (ICP-OES)		
	Potassium (K)			
	Magnesium (Mg)			
	Calcium (Ca)			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Punches/Ades, Crush, Cordials, Fruit Juice, Fruit Flavored Drink, Flavoured Syrup, Fruit Syrup, Chocolate Syrup, Caramel Syrup, Coffee Syrup, Flavored Water, Squash, Flavored Squash, Lemonade & Others 'Fruit-Ades', Flavored Powder Drink, Orange Flavored Powder Drink, Non Carbonated Electrolyte Drink, Non Carbonated Hypotonic Drink, Non Carbonated Isotonic Drink, Non Carbonated Hypertonic Drink, Electrolyte Drinks Base (Non Carbonated), Tamarind Drink, Iced Tea, Instant Iced Tea, Coconut Sap/ Neera drink, Jelly Drink, Nata De Coco Drink	Specific Gravity	SNI 01-2891-1992 point 17.2	
		pH	SNI 01-2891-1992 point 16	
		Reducing Sugar	18-8-8/MU/SMM-SIG (Luff-Schroorl)	
		Total sugar (sucrose)		
		Total Dissolved Solids	18-11-98/MU/SMM-SIG (Gravimetry)	
		Water Activity	18-11-68/MU/SMM-SIG (AW meter)	
		Vitamin C (titration)	18-11-2/MU/SMM-SIG (Titrimetry)	
		Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Vitamin B2 (Riboflavin)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B12	18-12-6/MU/SMM-SIG (LC-MSMS)	
		Vitamin B12		
		Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)	
		Fructose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Glucose		
		Sucrose		
		Sucrose	18-8-8/MU/SMM-SIG (Luff-Schroorl)	
		Acesulfame	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Aspartame	18-5-3/MU/SMM-SIG (HPLC-PDA)	
		Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)	
		Tartrazine	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Sunset Yellow		
Allura Red				
Carmoisine				
Ponceau 4R				
Brilliant blue				
Carmine				
Taurine	18-5-21/MU/SMM-SIG (HPLC-FLD)			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Punches/Ades, Crush, Cordials, Fruit Juice, Fruit Flavored Drink, Flavoured Syrup, Fruit Syrup, Chocolate Syrup, Caramel Syrup, Coffee Syrup, Flavored Water, Squash, Flavored Squash, Lemonade & Others 'Fruit-Ades', Flavored Powder Drink, Orange Flavored Powder Drink, Non Carbonated Electrolyte Drink, Non Carbonated Hypotonic Drink, Non Carbonated Isotonic Drink, Non Carbonated Hypertonic Drink, Electrolyte Drinks Base (Non Carbonated), Tamarind Drink, Iced Tea, Instant Iced Tea, Coconut Sap/ Neera drink, Jelly Drink, Nata De Coco Drink	Manganese (Mn)	18-4-1/MU/SMM-SIG (AAS)		
		Iron (Fe), Copper (Cu), Zinc (Zn)	18-4-1/MU/SMM-SIG (AAS)		
		Calcium (Ca)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Lead (Pb)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Tin (Sn)			
		SiO ₂	18-13-22/MU/SMM-SIG (ICP-OES)		
	Fruit Juice, Mixed Fruit Juice, Lime Juice, Apple Cider, Grapefruit Juice, Orange Juice, Valencia Orange Juice, Tangerine Juice, Citrus Comminutes Drink, Pineapple Juice, Lemonade, & Other Juices	Specific Gravity	SNI 01-2891-1992 point 17.2		
		Total Dissolved Solids	18-11-98/MU/SMM-SIG (Gravimetry)		
		Vitamin C	18-11-2/MU/SMM-SIG (Titrimetry)		
		Patulin	18-5-19/MU/SMM-SIG (HPLC-PDA)		
		Patulin	18-5-149/MU/SMM-SIG (HPLC-PDA)		
		Black Tea, Green Tea, White Tea, Fragrant Tea, Traditional Fragrant Tea, Oolong Tea (Semi Fermented), Green Tea Powder, Packaged Dried Tea, Black Tea Bags, Fragrant Tea bags, Green Tea Bags, Bottled Tea/ Ready to Drink Tea, Instant Tea, Tea Concentrate, Premix Tea	Odor		SNI 01-2891-1992 point 1.2
			Taste		
			Color		
		Moisture	SNI 01-2891-1992 point 5.1		
		Ash	SNI 01-2891-1992 point 6.1		
		Sulphated Ash	SNI 01-2891-1992 point 6.2		
		Ash insoluble in acid	SNI 01-2891-1992 point 6.3		
		Crude fiber	18-11-111/MU / SMM-SIG point 3.3.1 (Gravimetry)		
		Carbonate, bicarbonate	18-11-182/MU/SMM-SIG (Titrimetry)		
		Fructose	18-5-129/MU/SMM-SIG (UPLC-ELSD)		
		Glucose			
		Sucrose			
Maltose					
Lactose					
Polyphenols	18-9-20/MU/SMM-SIG (Spectrophotometry)				
Tannin	18-9-11/MU/SMM-SIG (Spectrophotometry)				
Brown HT	18-5-136/MU/SMM-SIG (HPLC-PDA)				
Theine	18-5-22/MU/SMM-SIG (HPLC-PDA)				
Maltitol	18-5-129/MU/SMM-SIG (UPLC-ELSD)				
Manitol					

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Black Tea, Green Tea, White Tea, Fragrant Tea, Traditional Fragrant Tea, Oolong Tea (Semi Fermented), Green Tea Powder, Packaged Dried Tea, Black Tea Bags, Fragrant Tea bags, Green Tea Bags, Bottled Tea/ Ready to Drink Tea, Instant Tea, Tea Concentrate, Premix Tea	Sorbitol	18-5-129/MU/SMM-SIG (UPLC-ELSD)	
		Xylitol	18-5-129/MU/SMM-SIG (UPLC-ELSD)	
		Calcium (Ca)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Iron (Fe)		
		Copper (Cu)		
		Zinc (Zn)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Tin (Sn)		
	Flavored alcoholic drink	Sulfite	18-11-26/MU/SMM-SIG (Titrimetry)	
		Residual Solvent Methanol	18-6-4/MU/SMM-SIG (GC-FID Head space)	
		Residual Solvent Ethanol		
		Residual Solvent 2-Propanol		
		Ethanol	18-10-6/MU/SMM-SIG (GC-FID)	
	Methanol			
	Ready to Drink Tea	Total plate count (TPC)	ISO 4833-1: 2015	
		Coliform	ISO 4831: 2012	
		Escherichia coli	ISO 7251:2012	
		Salmonella	ISO 6579:2015	
	Fruit Juice Drinks	Total plate count (TPC)	ISO 4833-1: 2015	
		Coliform	ISO 4831: 2012	
		Molds and yeasts	SNI ISO 21527-2:2012	
		Clostridium perfringens	ISO 7937:2012	
		Escherichia coli	ISO 7251:2012	
		Salmonella	ISO 6579:2015	
		Staphylococcus aureus	SNI ISO 6888-1:2012	
		Total plate count (TPC)	BAM Chapter 3 (2001) ISO 4833-1: 2015	
	Fruit Flavored Drinks	Molds and yeasts	BAM Chapter 18 (2001) SNI ISO 21527-1:2012	
		Clostridium perfringens	BAM Chapter 16 (2001) ISO 7937:2012	
		Escherichia coli	BAM Chapter 4 (2017) ISO 7251:2012	
Salmonella		BAM Chapter 5 (2018) ISO 6579:2015		
Vibrio cholerae		SNI ISO/TS 21872-1:2015		
Vibrio parahaemolyticus		SNI ISO/TS 21872-1:2015		
Total plate count (TPC)		ISO 4833-1: 2015		
Coliform		BAM Chapter 4 (2017) ISO 4831: 2012		
Isotonic Drinks				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Isotonic Drinks	<i>Staphylococcus aureus</i>	BAM Chapter 12 (2016) SNI ISO 6888-1:2012	
		<i>Pseudomonas aeruginosa</i>	ISO 16266:2006	
	Flavored Powder Drink	Total plate count (TPC)	ISO 4833-1: 2015	
		Molds and yeasts	SNI ISO 21527-2:2012	
	Syrup	Total plate count (TPC)	ISO 4833-1: 2015	
		Coliform	ISO 4831: 2012	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		<i>Staphylococcus aureus</i>	SNI ISO 6888-1:2012	
	Dried Tea	Total plate count (TPC)	ISO 4833-1: 2015	
		Coliform	ISO 4831: 2012	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
	Black Tea in Bag	Total plate count (TPC)	ISO 4833-1: 2015	
		Mold	SNI ISO 21527-2:2012	
	Snacks based on potatoes, tubers, cereals, flour or starch	Odor	SNI 01-2891-1992 point 1.2	
		Taste		
		Color		
		Moisture	SNI 01-2891-1992 point 5.1	
		Total fat	18-8-5/MU/SMM-SIG butir 3.2.2 (Gravimetry)	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Peroxide Value	18-11-29/MU/SMM-SIG (Titrimetry)	
		Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B2 (Riboflavin)		
		Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (HPLC)	
		Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)	
		Fructose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Glucose		
		Maltose		
		Lactose		
Curcumin	18-5-12/MU/SMM-SIG (HPLC-PDA)			
Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)			
Potassium Sorbate (K Sorbate)				
Acesulfame				
Sodium Saccharin (Na-Saccharin)	18-5-18/MU/SMM-SIG (HPLC-PDA)			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Snacks based on potatoes, tubers, cereals, flour or starch	Aspartame	18-5-3/MU/SMM-SIG (HPLC-PDA)	
		Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)	
		Qualitative Colorants	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Tartrazine		
		Sunset Yellow		
		Allura Red	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Carmoisine		
		Ponceau 4R		
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Potassium (K)		
		Magnesium (Mg)		
		Calcium (Ca)		
		Phosphorus (P)		
		Sucrose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Manganese (Mn), Iron (Fe), Copper (Cu), Zinc (Zn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Cadmium (Cd), Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-28/MU/SMM-SIG (AAS-HVG)	
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-4-29/MU/SMM-SIG (AAS-HVG)	
		Aflatoxin B2	18-5-30/MU/SMM-SIG (HPLC-FLD)	
		Aflatoxin B1		
	Aflatoxin G1			
	Aflatoxin G2			
	Total Aflatoxin			
	Extruded Snacks	Total plate count (TPC)	BAM Chapter 3 (2001)	
			ISO 4833-1: 2015	
Coliform		BAM Chapter 4 (2017)		
		ISO 4831: 2012		
Enterobacteriaceae		ISO 21528-2: 2016		
Molds and yeasts		BAM Chapter 18 (2001)		
	SNI ISO 21527-2:2012			
Escherichia coli	BAM Chapter 4 (2017)			
	ISO 7251:2012			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Extruded Snacks	<i>Salmonella</i>	BAM Chapter 5 (2018) ISO 6579:2015	
		<i>Staphylococcus aureus</i>	BAM Chapter 12 (2016) SNI ISO 6888-1:2012	
	Flour Coated Peanut	Total plate count (TPC)	ISO 4833-1: 2015	
		<i>Enterobacteriaceae</i>	ISO 21528-2: 2016	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Salmonella</i>	ISO 6579:2015	
	Tofu	Odor	SNI 01-2891-1992 point 1.2	
		Taste		
		Color		
	Noodles	Formaldehyde (qualitative)	18-11-5/MU/SMM-SIG (Kit)	
	Instant Porridge	Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B2 (Riboflavin)		
		Vitamin B9 (Folic Acid)	18-5-38/MU/SMM-SIG (UPLC-PDA)	
		Vitamin C	18-5-19/MU/SMM-SIG (HPLC-PDA)	
		Fructose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Glucose		
		Maltose		
		Lactose		
		Sucrose		
		Curcumin	18-5-12/MU/SMM-SIG (HPLC-PDA)	
		Sodium Benzoate (Na Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Potassium Sorbate (K Sorbate)		
		Acesulfame	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Sodium Saccharin (Na-Saccharin)		
		Aspartame	18-5-3/MU/SMM-SIG (HPLC-PDA)	
		Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)	
		Allura Red Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Ponceau 4R Qualitative		
Carmoisine Qualitative				
Sunset Yellow Qualitative				
Tartrazine Qualitative				
Tartrazine				
Allura Red				
Carmoisine				
Ponceau 4R				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Instant Porridge Chili Sauce	Sunset Yellow	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Potassium (K)		
		Magnesium (Mg)		
		Calcium (Ca)		
		Phosphorus (P)		
		Manganese (Mn), Iron (Fe), Copper (Cu), Zinc (Zn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Cadmium (Cd), Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
		Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)	
			18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-1/MU/SMM-SIG (ICP-OES)	
	Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-28/MU/SMM-SIG (AAS-HVG)		
	Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)		
		18-4-29/MU/SMM-SIG (AAS-HVG)		
	Fried rice	<i>Coliform</i>	ISO 4831: 2012	
		Molds and yeasts	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020		
<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018		
Total plate count (TPC)		ISO 4833-1: 2015		
Noodle soup, vegetable soup, soup, and soto	<i>Vibrio cholerae</i>	ISO 21872-1: 2017		
	<i>Vibrio parahaemolyticus</i>	ISO 21872-1: 2017		
Nutmeg	Moisture	AOAC 986.21, 2006		
	Aflatoxin B1, B2, G1, G2 & Total Aflatoxin	18-5-30/MU/SMM-SIG (HPLC-FLD)		
		18-12-27/MU/SMM-SIG (LC-MSMS)		
	Ochratoxin A	18-5-36/MU/SMM-SIG (HPLC-FLD)		
		18-12-27/MU/SMM-SIG (LC-MSMS)		
Food Additive: Colorant	Deoxynivalenol (DON)	18-12-27/MU/SMM-SIG (LC-MSMS)		
	Aflatoxin M1			
	Anthocyanins	18-9-19/MU/SMM-SIG (Spectrophotometry)		
	Brown HT	18-5-136/MU/SMM-SIG (HPLC-PDA)		
	Tartrazine Lake	18-5-59/MU/SMM-SIG (HPLC-PDA)		
	Sunset Yellow Lake			
	Ponceau 4R Lake			
Briliant blue Lake				
Allura Red Lake				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Food Additive: Colorant	Eritrosin Lake	18-5-59/MU/SMM-SIG (HPLC-PDA)	
	Food Additive: Flavoring	<i>Coliform</i>	ISO 4831: 2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579:2015	
		Sausage, Jelly, Wheat Fluor, Sambal, Milk Powder, Soy Milk, Canned Fish	Accelerated Shelf Life Time (ASLT) Arhenius Method	
	Cookies, Wafers, Chips, Bread Bagel, Biscuits	Accelerated Shelf Life Time (ASLT) Labuza Method	18-15-1/MU/SMM-SIG (Labuza)	
	Cooling Tower Water	<i>Legionella sp</i>	ISO 11731:2017	
	Clean Water	<i>Coliform</i>	ISO 4831: 2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
	Water for Hemodialysis Purpose	Endotoxin	USP 42-NF 37 :2019	
	Waste Water	pH	SNI 6989.11 : 2019	
		Temperature	SNI 06-6989.23 : 2005	
		Dissolved solids	18-11-87/MU/SMM-SIG (TDS meter)	
		Nitrite (as NO ₂)	SNI 06-6989.9-2004	
		COD	SNI 6989.73-2009	
		2,3,7,8-TCDD	18-17-2/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8-PCDD		
		1,2,3,4,7,8-HxCDD		
		1,2,3,6,7,8-HxCDD		
		1,2,3,7,8,9-HxCDD		
		1,2,3,4,6,7,8-HpCDD		
		Octachlorodibenzodioxin (OCDD)		
		2,3,7,8-TCDF		
		1,2,3,7,8-PCDF		
		2,3,4,7,8-PCDF		
		1,2,3,4,7,8-HxCDF		
		1,2,3,6,7,8-HxCDF		
1,2,3,7,8,9-HxCDF				
2,3,4,6,7,8-HxCDF				
1,2,3,4,6,7,8-HpCDF				
1,2,3,4,7,8,9-HpCDF				
Octachlorodibenzofuran (OCDF)				
Barium (Ba)	18-10-11/MU/SMM-SIG (ICP-OES)			
Chromium (Cr)				
Manganese (Mn)				
Iron (Fe)				
Cobalt (Co)				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Waste Water	Nickel (Ni)	18-10-11/MU/SMM-SIG (ICP-OES)	
		Copper (Cu)		
		Selenium (Se)		
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)		
		Mercury (Hg)		
		Arsen (As)		
		Sampling	SNI 8990 : 2021	
		Endotoxin	USP 42-NF 37 :2019 (Gel Cloth)	
		WFI Water Pharmaceutical raw materials, drugs, supplements, traditional medicine (in solid, liquid, and semi-solid)	Organoleptic	
	Uniformity of Volume		18-11-123/MU/SMM-SIG, (Titrimetry)	
	Deliverable volume		Pharmacopoeia of Indonesia VI, 2020 <1261>P.2121	
	Disintegration time		Pharmacopoeia of Indonesia VI, 2020 <1251>P.2119	
	Uniformity of Weight		Kemenkes RI No. 661/MENKES/SK/VII/1994	
	Moisture		Pharmacopoeia of Indonesia VI, 2020 <1031>P.2059	
	Loss on drying		USP-NF (731), 2020JECFA Vol 4, 2006	
	Loss on Ignition		USP-NF (733), 2020JECFA Vol 4, 2006	
	Sulfite		18-11-26/MU/SMM-SIG (Titrimetry)	
	Vitamin A		18-5-1/MU/SMM-SIG (HPLC-PDA)	
	Vitamin E			
	Vitamin B1 (Thiamine)		18-5-2/MU/SMM-SIG (UPLC-PDA)	
	Vitamin B2 (Riboflavin)			
	Vitamin B9 (Folic Acid)		18-5-38/MU/SMM-SIG (UPLC-PDA)	
	Vitamin C		18-5-19/MU/SMM-SIG (HPLC-PDA)	
	% Transmittance		18-9-30/MU/SMM-SIG (Spectrophotometry)	
	L-Histidine		18-5-17/MU/SMM-SIG (UPLC-PDA)	
	L-Serine			
	L-Arginine			
	Glycine			
	L-Aspartic acid		18-5-17/MU/SMM-SIG (UPLC-PDA)	
	L-Glutamic Acid			
	L-Threonine			
	L-Alanine			
L-Proline				
L-Cystine				
L-Lysine HCl				
L-Tyrosine				
L-Methionine				
L-Valine				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Pharmaceutical raw materials, drugs, supplements, traditional medicine (in solid, liquid, and semi-solid)	L-Isoleusine	18-5-17/MU/SMM-SIG (UPLC-PDA)	
		L-Leucine		
		L-Phenylalanine		
		L-Tryptophan	18-5-63/MU/SMM-SIG (HPLC-PDA)	
		Glucosamine	18-5-56/MU/SMM-SIG (HPLC-PDA)	
		Chondroitine Sulfate	18-9-82/MU/SMM-SIG (Spectrophotometry)	
		Vitamin B7	18-12-23/MU/SMM-SIG (LC-MSMS)	
		Caffeine	18-5-22/MU/SMM-SIG (HPLC-PDA)	
		Residual Solvent Methanol	18-6-4/MU/SMM-SIG (GC-FID Head space)	
		Residual Solvent Ethanol		
		Residual Solvent 2-Propanol		
		Ethanol	18-10-6/MU/SMM-SIG (GC-FID)	
		Methanol		
		Sodium (Na)	18-13-8/MU/SMM-SIG (ICP-OES)	
		Potassium (K)		
		Magnesium (Mg)		
		Calcium (Ca)		
		Manganese (Mn)		
		Iron (Fe)		
		Copper (Cu)		
		Zinc (Zn)		
		Phosphorus (P)		
		Tin (Sn)		
		Cadmium (Cd), Lead (Pb), Mercury (Hg), Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)	
			18-13-8/MU/SMM-SIG (ICP-OES)	
		<i>Shigella</i>	ISO 21567 : 2017	
		Total plate count (TPC)	USP 42-NF 37: 2019	
		Molds and yeasts		
		<i>Clostridium sp.</i>		
		<i>Escherichia coli</i>		
		<i>Salmonella</i>		
		<i>Staphylococcus aureus</i>		
		<i>Pseudomonas aeruginosa</i>		
Preservative Effectiveness with 5 bacteria (Escherichia coli, Staphylococcus aureus, Pseudomonas aeruginosa, Candida albicans, spergillus niger)				
Meat authenticity (Porcine DNA Identification)	18-11-47/MU/SMM-SIG (PCR)			
Gelatin Capsules	Gelatin Bovine Identification	18-12-14/MU/SMM-SIG (LC-MSMS)		
	Gelatin Porcine Identification			

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Cosmetics (Liquid Soap)	Free Alkali or free fatty acid	SNI 4085: 2017 point 6.4	
	Cosmetics (Soap Bar)	Free Alkali or free fatty acid	SNI 3532: 2021 point 6.6	
	Cosmetics (hand soap)	Free Alkali or free fatty acid	SNI 2588: 2017 point 6.5	
	Cosmetics (Liquid Soap)	Viscosity	18-11-11/MU/SMM-SIG (Viscosmeter)	
	Cosmetics (Talcum Powder, Compact Powder, Lipstick, Eye shadow, Ointment, Toner, Hair Gel, Shampoo, Soap, Hairspray, Night Cream, Foundation, Lotion)	Moisture	18-11-44/MU/SMM-SIG (Karl Fischer)	
		Vitamin E	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Retinoic acid	18-5-64/MU/SMM-SIG (HPLC-PDA)	
		Methylparaben	18-5-88/MU/SMM-SIG (HPLC-PDA)	
		Ethylparaben		
		Propylparaben		
		Butylparaben		
		Methanyl Yellow	18-5-84/MU/SMM-SIG (HPLC-PDA)	
		Rhodamine B	18-5-85/MU/SMM-SIG (HPLC-PDA)	
		Orange K1		
		Hydroquinone	18-5-53/MU/SMM-SIG (HPLC-PDA)	
		Betamethasone	18-5-79/MU/SMM-SIG (UPLC-PDA)	
		Betamethasone 17-valerate		
		Dexamethasone		
		Hydrocortisone acetate		
		Triamcinolone Acetonide		
		2-phenoxyethanol	18-5-88/MU/SMM-SIG (HPLC-PDA)	
		1,4-Dioxane	18-14-16/MU/SMM-SIG (GC-MS)	
		Sodium (Na)	18-13-9/MU/SMM-SIG (ICP-OES)	
		Potassium (K)		
	Magnesium (Mg)			
	Calcium (Ca)	18-13-9/MU/SMM-SIG (ICP-OES)		
	Manganese (Mn)			
	Iron (Fe)			
	Copper (Cu)			
	Zinc (Zn)			
	Phosphorus (P)			
	Tin (Sn)			
Cadmium (Cd), Lead (Pb), Mercury (Hg), Arsen (As)		18-13-14/MU/SMM-SIG (ICP-MS)		
		18-13-9/MU/SMM-SIG (ICP-OES)		
Total plate count (TPC)		ISO 21149:2017		
Molds and yeasts		ISO 16212 : 2017		
<i>Candida albicans</i>		ISO 18416 : 2015		
<i>Escherichia coli</i>		18-7-34/MU/SMM-SIG (Detection)		
<i>Staphylococcus aureus</i>		ISO 22718:2015		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Cosmetics (Talcum Powder, Compact Powder, Lipstick, Eye shadow, Ointment, Toner, Hair Gel, Shampoo, Soap, Hairspray, Night Cream, Foundation, Lotion)	<i>Pseudomonas aeruginosa</i>	ISO 22717 : 2015	
		Preservative Effectiveness with 5 bacteria (Staphylococcus aureus, Pseudomonas aeruginosa, Enterobacter aerogenes, Candida albicans, Aspergillus niger)	18-7-62/MU/SMM-SIG (Plate Count)	
	Disinfectants	Antimicrobial Test	AOAC 960.09, 2013	
	Sanitary Napkin	Fluorescence	SNI 16-6363-2000 point 6.2.4	
	Raw Material: Ascorbic Acid	Potassium (K)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Magnesium (Mg)		
		Calcium (Ca)		
		Iron (Fe)		
		Copper (Cu)		
	Raw Material: Titanium Dioxide (TiO2)	Titanium dioxide (TiO2)	18-13-1/MU/SMM-SIG (ICP-OES)	
	Talcum Powder	Magnesium (Mg)	18-4-36/MU/SMM-SIG (AAS-Flame)	
		Calcium (Ca)		
		Iron (Fe)		
		Aluminum (Al)		
	Animal feed	Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Tin (Sn)		
		Lead (Pb)		
		Moisture	SNI 01-2891-1992 point 5.1	
		Ash	SNI 01-2891-1992 point 6.1	
		Total fat	18-8-5/MU/SMM-SIG (Gravimetry)	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Carbohydrate by Difference	18-8-9/MU / SMM-SIG (calculation)	
		Crude fiber	18-11-111/MU / SMM-SIG point 3.3.1 (Gravimetry)	
		Vitamin A	18-5-1/MU/SMM-SIG (HPLC-PDA)	
		Vitamin E		
		Vitamin B1 (Thiamine)	18-5-2/MU/SMM-SIG (UPLC-PDA)	
		Vitamin B2 (Riboflavin)		
Vitamin B9 (Folic Acid)		18-5-38/MU/SMM-SIG (UPLC-PDA)		
Vitamin C		18-5-19/MU/SMM-SIG (HPLC-PDA)		
L-Histidine		18-5-17/MU/SMM-SIG (UPLC-PDA)		
L-Serine				
L-Arginine				
Glycine				
L-Aspartic acid				
L-Glutamic Acid				
L-Threonine				

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Animal feed	L-Alanine	18-5-17/MU/SMM-SIG (UPLC-PDA)		
		L-Proline			
		L-Cystine			
		L-Lysine HCl			
		L-Tyrosine			
		L-Methionine			
		L-Valine			
		L-Isoleusine			
		L-Leucine			
		L-Phenylalanine			
		L-Tryptophan			18-5-63/MU/SMM-SIG (HPLC-PDA)
		Cystine			18-12-38/MU/SMM-SIG (LC-MSMS)
		Methionine			
		Urea			ISO 6654 : 1991
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Potassium (K)			
		Magnesium (Mg)			
		Calcium (Ca)			
		Mangan (Mn), Iron (Fe), Copper (Cu), Zinc (Zn), Tin (Sn)	18-4-1/MU/SMM-SIG (AAS)		
			18-13-1/MU/SMM-SIG (ICP-OES)		
		Phosphorus (P)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Cadmium (Cd)			
		Lead (Pb)	18-13-1/MU/SMM-SIG (ICP-OES)		
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP-MS)		
			18-4-28/MU/SMM-SIG (AAS-HVG)		
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP-MS)		
			18-4-29/MU/SMM-SIG (AAS-HVG)		
		Total plate count (TPC)	BAM Chapter 3 (2001)		
			ISO 4833-1: 2015		
		Coliform	BAM Chapter 4 (2017)		
			ISO 4831: 2012		
		Molds and yeasts	BAM Chapter 18 (2001)		
			SNI ISO 21527-2:2012		
<i>Escherichia coli</i>	BAM Chapter 4 (2017)				
	ISO 7251:2012				
<i>Salmonella</i>	BAM Chapter 5 (2018)				
	ISO 6579:2015				
<i>Staphylococcus aureus</i>	BAM Chapter 12 (2016)				
	SNI ISO 6888-1:2012				

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Toys	Benzyl butyl phthalate (BBP)	18-14-7/MU/SMM-SIG (GC-MS)	
		Bis-(2-ethylhexyl) phthalate (DEHP)		
		Dibutyl phthalate (DBP)		
		Di-isodecyl phthalate (DIDP)		
		Di-isononyl phthalate (DINP)		
		Di-n-octyl phthalate (DnOP)		
	Crayon	Extracted Metal-Cadmium (Cd)	18-13-19/MU/SMM-SIG (ICP-MS)	
		Extracted Metal-Nickel (Ni)		
		Extracted Metal-Copper (Cu)		
		Extracted Metal-Lead (Pb)		
	Fresh Fruit	Tin (Sn)	18-13-1/MU/SMM-SIG (ICP-OES)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP-MS)	
		Mercury (Hg)		
		Arsen (As)	AOAC 2007.01, 2013	
		Acephate		
		Azinphos Methyl		
		Chlorpyrifos methyl		
		Cis-Mevinphos		
		Diazinon		
Dichlorvos				
Dimethoate				
Disulfoton				
Fenamiphos				
Fenthion				
Malathion				
Methidathion				
Monocrotophos				
Phosalone				
Profenofos				
Triazophos				
Methyl Parathion				
Bifenthrine				
Alfa-Cypermethrin				
Bioresmethrin				
Deltamethrin				
Permethrin				
Etofenprox				
Cyhalothrin				

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Fresh Fruit	Fenvalerate	AOAC 2007.01, 2013	
		Fenpropathrin		
		Cyfluthrin		
		Aldicarb		
		Carbaryl		
		Carbofuran		
		Chlorpropham		
		Phenobucarb		
		Isoprocarb		
		Methiocarb sulfoxide		
		Methomyl		
		Oxamyl		
		Propamocarb		
		2,4-DDT		
		Endosulfan (Alfa)		
		Endosulfan (Beta)		
		Endrin		
		Gamma-BHC (Lindane)		
		Heptachlor		
		Chlordane (Cis)		
		Chlordane (Trans)		
		Dicofol		
		Dieldrin		
		Quintozene		
		Chlorothalonil		
		Dichloran		
		Aldrin		
		Bittertanol		
		Difenoconazol		
		Fenbuconazol		
		Flusilazole		
		Myclobutanil		
		Penconazol		
		Tebuconazol		
		2,4-D		
		Abamectin		
		Azocyclotin		
Cyhexatin				
Cyromazine				

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Fresh Fruit	Dichlofluamid	AOAC 2007.01, 2013	
		Fenbutatin oxide		
		Haloxyfop		
		Amitraz		
		Benalaxyl		
		Boscalid		
		Buprofezin		
		Cadusafos		
		Carbendazim		
		Clethodim		
		Clofentezine		
		Cycloxiidim		
		Diflubenzuron		
		Dimethomorph		
		Dinocap		
		Diphenylamine		
		Dodine		
		Ethoxyquin		
		Fenarimol		
		Fipronil		
		Flutolanil		
		Hexythiazox		
		Imazalil		
		Imidacloprid		
		Kresoxim-methyl		
		Metalaxyl		
		Piperonylbutoxide		
		Propargite		
		Pyrethrin		
		Pyrimethanil		
		Pyriproxifen		
Quinoxyfen				
Tebufenozide				
Teflubenzuron				
Thiabendazole				
Thiacloprid				
Tolclofos-methyl				
Tolyfluanid				
Triforin				

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Fresh Fruit	Zoxamide Iprodion Procymidon Tecnazene Vinclozolin 2-phenylphenol Dithianon Bromopropylate Amitrol Ethephon Glufosinate Ammonium Bromide Ion	AOAC 2007.01, 2013 18-12-2-1/MU/SMM-SIG (LC-MSMS) 18-12-2-6/MU/SMM-SIG (LC-MSMS) 18-12-2-2/MU/SMM-SIG (LC-MSMS) 18-6-9/MU/SMM-SIG (GC-ECD)	
	Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Fruit Puree, Fruit Paste, Fruit Sauce, Applesauce, Topping Buah, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Candied Fruit Peel, Fruit Puree, Fruit Paste, Fruit Sauce, Apple sauce, Fruit Topping, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour	Acephate Azinphos Methyl Chlorpyriphos methyl Cis-Mevinphos Diazinon Dichlorvos Dimethoate Disulfoton Fenamiphos Fenthion Malathion Methidathion Monocrotophos Phosalone Profenofos Triazophos Methyl Parathion Bifenthrine Alfa-Cypermethrin Bioresmethrin Deltamethrin Permethrin Etofenprox Cyhalothrin Fenpropathrin Beta-Cyfluthrin Aldicarb	EN 15662:2018	

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Fruit Puree, Fruit Paste, Fruit Sauce, Applesauce, Topping Buah, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour	Carbaryl	EN 15662:2018	
		Carbofuran		
		Chlorpropham		
		Phenobucarb	AOAC 2007.01, 2013	
		Isoprocarb		
		Methiocarb sulfoxide		
		Methomyl	EN 15662:2018	
		Oxamyl		
		Propamocarb		
		2,4-DDT		
		Endosulfan (Alfa)		
		Endosulfan (Beta)		
		Endrin		
		Gamma-BHC (Lindane)		
		Heptachlor		
		Dicofol		
		Dieldrin		
		Quintozene		
		Chlorothalonil		
		Dichloran		
		Aldrin		
		Bittertanol		
		Difenoconazol		
		Fenbuconazol		
		Flusilazole		
		Myclobutanil		
		Penconazol		
		Tebuconazol		
		2,4-D	EN 15662:2018	
		Abamectin		
Carbendazim				
Cyromazine				
Dichlofluanid				
Fenbutatin Oxide				
Haloxyfop				
Amitraz				
Benalaxyl				
Boscalid				
Buprofezin				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Fruit Puree, Fruit Paste, Fruit Sauce, Applesauce, Topping Buah, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Candied Fruit Peel, Fruit Puree, Fruit Paste, Fruit Sauce, Apple sauce, Fruit Topping, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour	Cadusafos	EN 15662:2018	
		Clethodim		
		Clofentezine		
		Cycloxidim		
		Diflubenzuron		
		Dimethomorph		
		Dinocap		
		Diphenylamine		
		Dodine		
		Ethoxyquin		
		Fenarimol		
		Fipronil		
		Flutolanil		
		Hexythiazox		
		Imazalil		
		Imidacloprid		
		Kresoxim-methyl		
		Metalaxyl		
		Piperonylbutoxide		
		Propargite		
		Pyrethrin		
		Pyrimethanil		
		Pyriproxifen		
		Quinoxifen		
		Tebufenozide		
		Teflubenzuron	EN 15662:2018	
		Thiabendazole		
		Thiacloprid		
		Tolclofos-methyl		
		Tolyfluanid		
		Triforin		
		Zoxamide		
Procymidon				
Tecnazene				
Vinclozolin				
2-phenylphenol				
Prochloraz				
Bromopropylate				
Ethephon	18-12-2-6/MU/SMM-SIG (LC-MSMS)			

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Dried Fruit, Mixed Dried Fruit, Salted Dried Fruit, Sale Banana, Salted Fruit	Bromide Ion	18-6-9/MU/SMM-SIG (GC-ECD)	
	Vegetables, Legumes, and Grains	Acephate	AOAC 2007.01, 2013	
		Azinphos Methyl		
		Chlorpyrifos methyl		
		Cis-Mevinphos		
		Diazinon		
		Dichlorvos		
		Dimethoate		
		Disulfoton		
		Fenamiphos		
		Fenthion		
		Malathion		
		Methidathion		
		Monocrotophos		
		Phosalone		
		Profenofos	AOAC 2007.01, 2013	
		Triazophos		
		Methyl Parathion		
		Bifenthrine		
		Bioresmethrin		
		Deltamethrin		
		Permethrin		
		Etofenprox		
		Fenvalerate		
		Fenpropathrin		
		Beta-Cyfluthrin		
		Aldicarb		
		Carbaryl		
		Carbofuran		
		Chlorpropham		
		Phenobucarb		
		Isoprocarb		
Methiocarb sulfoxide				
Methomyl				
Oxamyl				
Propamocarb				
2,4-DDT				
Endrin				

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AMD 3

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks		
Chemistry / Biology	Vegetables, Legumes, and Grains	Gamma-BHC (Lindane)	AOAC 2007.01, 2013			
		Heptachlor				
		Chlordane (Cis)				
		Chlordane (Trans)				
		Dicofol				
		Dieldrin				
		Quintozene				
		Chlorothalonil				
		Dichloran				
		Bittertanol				
						AOAC 2007.01, 2013
		Difenoconazol				
		Fenbuconazol				
		Flusilazole				
		Myclobutanil				
		Penconazol				
		Tebuconazol				
		Carbendazim				
		Cyromazine				
		Dichlofluanid				
						AOAC 2007.01, 2013
		Benalaxyl				
		Boscalid				
		Buprofezin				
		Cadusafos				
		Clethodim				
		Clofentezine				
		Cycloxidim				
		Diflubenzuron				
		Dimethomorph				
		Dinocap				
Diphenylamine						
Dodine						
Ethoxyquin						
Fenarimol						
Fipronil						
Flutolanil						
Hexythiazox						
Imazalil						
Imidacloprid						
Kresoxim-methyl						

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AMD 3

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Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Vegetables, Legumes, and Grains	Metalaxyl	AOAC 2007.01, 2013	
		Piperonylbutoxide		
Propargite				
Pyrethrin				
Pyrimethanil				
Pyriproxifen				
Quinoxifen				
Tebufenozide				
Teflubenzuron				
Thiabendazole				
Thiacloprid				
Tolclofos-methyl				
Tolyfluanid				
Triforin				
Zoxamide				
Iprodion				
Tecnazene				
Vinclozolin				
2-phenylphenol				
Whole grains				
	Ethephon			
	Bromide lon			
	Acephate			
	Azinphos Methyl			
	Chlorpyriphos methyl			
	Diazinon			
	Dichlorvos			
	Dimethoate			
	Disulfoton			
	Fenamiphos			
	Fenthion			
	Malathion			
	Methidathion			
	Monocrotophos			
	Phosalone			
	Profenofos			
	Triazophos			
Bifenthrine				
Alfa-Cypermethrin				

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Whole grains	Bioresmethrin Deltamethrin Permethrin Etofenprox Fenpropathrin Beta-Cyfluthrin Aldicarb Carbaryl Carbofuran Chlorpropham Phenobucarb Isoprocarb Methiocarb sulfoxide Methomyl Oxamyl Propamocarb Alfa - Endosulfan Beta -Endosulfan Bittertanol Difenoconazol Fenbuconazol Flusilazole Myclobutanil Penconazol Tebuconazol 2,4-D Abamectin Carbendazim Cyromazine Fenbutatin Oxide Haloxyfop Benalaxyl Boscalid Buprofezin Cadusafos Clethodim Clofentezine Cycloxdim Diflubenzuron	EN 15662:2018	

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Whole grains	Dimethomorph	EN 15662:2018	
		Dinocap		
Diphenylamine				
Dodine				
Fenarimol				
Fipronil				
Flutolanil				
Hexythiazox				
Imidacloprid				
Kresoxim-methyl				
Metalaxyl	EN 15662:2018			
Piperonylbutoxide				
Propargite				
Pyrethrin				
Pyrimethanil				
Pyriproxifen				
Quinoxifen				
Tebufenozide				
Teflubenzuron				
Thiabendazole				
Thiacloprid				
Tolclofos-methyl				
Triforin				
Zoxamide				
Iprodion				
Prochloraz				
Chlormequat chloride		18-12-2-5/MU/SMM-SIG (LC-MSMS)		
Diquat dibromide monohydrate	18-12-2-7/MU/SMM-SIG (LC-MSMS)			
Ethephon	18-12-2-6/MU/SMM-SIG (LC-MSMS)			
Wheat Flour, Self-Raising Wheat Flour, Chlorinated Wheat Flour, Protein Fortified Wheat Flour, Wholemeal wheat Flour	Methyl Parathion	EN 15662:2018		
	Cis-Mevinphos			
	Fenvalerate			
	2,4-DDT			
	Endosulfan (Alfa)			
	Endosulfan (Beta)			
	Endrin			
	Gamma-BHC (Lindane)			
	Heptachlor			
	Chlordane (Cis)			

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
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	Phone. (0251) 7532384		
	Email. adim@saraswanti.com	1 st Amendment:	11 January 2023
		2 nd Amendment:	31 March 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks			
Chemistry / Biology	Wheat Flour, Self-Raising Wheat Flour, Chlorinated Wheat Flour, Protein Fortified Wheat Flour, Wholemeal wheat Flour	Chlordane (Trans)	EN 15662:2018				
		Dicofol					
		Dieldrin					
Quintozene							
Dichloran							
Aldrin							
2,4-D							
Amitraz							
Ethoxyquin							
Imazalil							
Tolyfluanid							
Tecnazene							
Vinclozolin							
Bromopropylate							
					3-MCPD	18-14-11/MU/SMM-SIG (GC-MS)	
	Cocoa Powder, Breakfast Cocoa, Medium Fat Cocoa, Low Fat Cocoa, Cocoa Dust, Fine Cocoa Powder, & Cacao Nibs	Bioresmethrin	EN 15662:2018				
		Phenobucarb					
		Endosulfan (Alfa)					
		Endosulfan (Beta)					
		Endrin					
		Gamma-BHC (Lindane)					
		Heptachlor					
		Chlordane (Cis)					
		Chlordane (Trans)					
		Dieldrin					
		Quintozene					
							EN 15662:2018
		Dichloran					
		Aldrin					
		Clethodim					
Cycloxdim							
Imidacloprid							
Piperonylbutoxide							
Tecnazene							
Vinclozolin							
2-phenylphenol							
Bromopropylate							

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Garlic, Shallot, Chives, Celery Seed, Mustard Seed, Mustard Powder, Javanese Long Pepper, Red Chilli Pepper, Chilli Paste, Chilli Powder, Dill Seed, Anise, Dill, Star Anise, Ender, Dill Weed, Fenugreek, Fenugreek Powder, Fenugreek Seed, Fenugreek Seed Powder, Dried Mace, Mace Powder, Raw Ginger, Dried Ginger, Ginger Puree, Ginger Powder, Caraway, Caraway Powder, Aniseed/sweet cumin, Black Cumin Seed, Black Cumin Seed Powder, Cumin, Cumin Powder, Cardamom (Ammomum), Cardamom Seed (Ammomum), Siam Cardamom (Ammomum), Indian Cardamom (Elettaria), Cardamom Seed (Elettaria), Cardamom Powder (Elettaria), Cinnamon, Cinnamon Powder, Candlenut with Shell, Candlenut, Candlenut Powder, Aromatic Ginger, Aromatic Ginger Powder, Coriander Seed, Coriander (Cilantro), Coriander Seed Powder, Pangi Nut, Turmeric, Turmeric Powder, Black Pepper, Ground Black Pepper, Pepper, ground Pepper, Mix Ground Pepper, Andaliman, Galangal, Galangal Powder, (Torch Ginger/ red ginger lily), Marjoram, Mint, Onion, Onion Powder, Oregano, Nutmeg, Distilled Nutmeg, Nutmeg Powder, Parsley, Bell Pepper Powder, Sweet Bell Pepper Powder, Rosemary, Sage, Saffron, Fingerroot, Tarragon, Thyme	Acephate Azinphos Methyl Chlorpyrifos methyl Cis-Mevinphos Diazinon Dichlorvos Dimethoate Disulfoton Fenamiphos Fenthion Malathion Methidathion Monocrotophos Phosalone Profenofos Triazophos Bifenthrin Bioresmethrin Deltamethrin Permethrin Fenpropathrin Cyfluthrin Aldicarb Carbaryl Carbofuran Chlorpropham Phenobucarb Isoprocarb Methiocarb sulfoxide Methomyl Oxamyl Propamocarb 2,4-DDT Chlordane (Cis)	AOAC 2007.01, 2013	

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Garlic, Shallot, Chives, Celery Seed, Mustard Seed, Mustard Powder, Javanese Long Pepper, Red Chilli Pepper, Chilli Paste, Chilli Powder, Dill Seed, Anise, Dill, Star Anise, Ender, Dill Weed, Fenugreek, Fenugreek Powder, Fenugreek Seed, Fenugreek Seed Powder, Dried Mace, Mace Powder, Raw Ginger, Dried Ginger, Ginger Puree, Ginger Powder, Caraway, Caraway Powder, Aniseed/sweet cumin, Black Cumin Seed, Black Cumin Seed Powder, Cumin, Cumin Powder, Cardamom (Ammomum), Cardamom Seed (Ammomum), Siam Cardamom (Ammomum), Indian Cardamom (Elettaria), Cardamom Seed (Elettaria), Cardamom Powder (Elettaria), Cinnamon, Cinnamon Powder, Candlenut with Shell, Candlenut, Candlenut Powder, Aromatic Ginger, Aromatic Ginger Powder, Coriander Seed, Coriander (Cilantro), Coriander Seed Powder, Pangi Nut, Turmeric, Turmeric Powder, Black Pepper, Ground Black Pepper, Pepper, ground Pepper, Mix Ground Pepper, Andaliman, Galangal, Galangal Powder, (Torch Ginger/ red ginger lily), Marjoram, Mint, Onion, Onion Powder, Oregano, Nutmeg, Distilled Nutmeg, Nutmeg Powder, Parsley, Bell Pepper Powder, Sweet Bell Pepper Powder, Rosemary, Sage, Saffron, Fingerroot, Tarragon, Thyme	Chlordane (Trans)	AOAC 2007.01, 2013	
		Dicofol		
		Dieldrin		
		Quintozene		
		Chlorothalonil		
		Dichloran		
		Bittertanol		
		Difenoconazol		
		Fenbuconazol		
		Flusilazole		
		Myclobutanil		
		Penconazol		
		Tebuconazol		
		2,4-D		
		Abamectin		
		Azocyclotin		
		Cyhexatin		
		Cyromazine		
		Dichlofluanid		
		Fenbutatin oxide		
		Benalaxyl		
		Boscalid		
		Buprofezin		
		Cadusafos		
		Carbendazim		
		Clethodim		
		Clofentezine		
		Cycloxdim		
		Diflubenzuron		
		Dimethomorph		
Dinocap				

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

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Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Garlic, Shallot, Chives, Celery Seed, Mustard Seed, Mustard Powder, Javanese Long Pepper, Red Chilli Pepper, Chilli Paste, Chilli Powder, Dill Seed, Anise, Dill, Star Anise, Ender, Dill Weed, Fenugreek, Fenugreek Powder, Fenugreek Seed, Fenugreek Seed Powder, Dried Mace, Mace Powder, Raw Ginger, Dried Ginger, Ginger Puree, Ginger Powder, Caraway, Caraway Powder, Aniseed/sweet cumin, Black Cumin Seed, Black Cumin Seed Powder, Cumin, Cumin Powder, Cardamom (Ammomum), Cardamom Seed (Ammomum), Siam Cardamom (Ammomum), Indian Cardamom (Elettaria), Cardamom Seed (Elettaria), Cardamom Powder (Elettaria), Cinnamon, Cinnamon Powder, Candlenut with Shell, Candlenut, Candlenut Powder, Aromatic Ginger, Aromatic Ginger Powder, Coriander Seed, Coriander (Cilantro), Coriander Seed Powder, Pangi Nut, Turmeric, Turmeric Powder, Black Pepper, Ground Black Pepper, Pepper, ground Pepper, Mix Ground Pepper, Andaliman, Galangal, Galangal Powder, (Torch Ginger/ red ginger lily), Marjoram, Mint, Onion, Onion Powder, Oregano, Nutmeg, Distilled Nutmeg, Nutmeg Powder, Parsley, Bell Pepper Powder, Sweet Bell Pepper Powder, Rosemary, Sage, Saffron, Fingerroot, Tarragon, Thyme	Diphenylamine	AOAC 2007.01, 2013		
		Dodine			
		Fenarimol			
		Fipronil			
		Flutolanil			
		Imazalil			
		Imidacloprid			
		Kresoxim-methyl			
		Metalaxyl			EN 15662:2018
		Piperonylbutoxide			
		Propargite			
		Pyrethrin			
		Pyrimethanil			
		Pyriproxifen			
		Quinoxyfen			
		Tebufenozide			
		Teflubenzuron			
		Thiabendazole			
		Thiacloprid			
		Tolclofos-methyl			
		Tolyfluanid	EN 15662:2018		
		Triforin			
		Zoxamide			
		Iprodion			
		Procymidon			
		Tecnazene			
		Vinclozolin			
		2-phenylphenol			
		Dimethipine			
		Bromopropylate			
		Ethephon			18-12-2-6/MU/SMM-SIG (LC-MSMS)
		Maleic hydrazide			18-12-2-4/MU/SMM-SIG (LC-MSMS)
		Dried/Dehydrated Vegetable, Dried Chilli Pepper, Dried Mushroom, Dried Seaweed, Nori, Dried Salted Vegetable, Dried Beans, & Dried Peas	Bromide Ion		18-6-9/MU/SMM-SIG (GC-ECD)

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Black Tea, Green Tea, White Tea, Fragrant Tea, Traditional Fragrant Tea, Oolong Tea (Semi Fermented), Green Tea Powder, Packaged Dried Tea, Black Tea Bags, Fragrant Tea bags, Green Tea Bags, Bottled Tea/ Ready to Drink Tea, Instant Tea, Tea Concentrate, Premix Tea	Acephate	EN 15662:2018		
		Azinphos Methyl			
		Chlorpyrifos methyl			
		Cis-Mevinphos			
		Diazinon			
		Dichlorvos			
		Dimethoate			
		Disulfoton			
		Fenamiphos			
		Fenthion			
		Malathion			
		Methidathion			
		Monocrotophos			
		Phosalone			
		Profenofos			
			Triazophos		EN 15662:2018
		Methyl Parathion			
		Bifenthrine			
		Alfa-Cypermethrin			
		Deltamethrin			
		Permethrin			
		Etofenprox			
		Fenpropathrin			
		Beta-Cyfluthrin			
		Aldicarb			
		Carbaryl			
		Carbofuran			
		Chlorpropham			
		Isoprocarb			
		Methiocarb sulfoxide			
		Methomyl			
		Oxamyl			
Propamocarb					
Bittertanol					
Difenoconazol					
Fenbuconazol					
Flusilazole					
Myclobutanil					
Penconazol					

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Black Tea, Green Tea, White Tea, Fragrant Tea, Traditional Fragrant Tea, Oolong Tea (Semi Fermented), Green Tea Powder, Packaged Dried Tea, Black Tea Bags, Fragrant Tea bags, Green Tea Bags, Bottled Tea/ Ready to Drink Tea, Instant Tea, Tea Concentrate, Premix Tea	Tebuconazol	EN 15662:2018	
		2,4-D		
		Abamectin		
		Azocyclotin		
		Carbendazim		
		Cyhexatin		
		Cyromazine		
		Fenbutatin Oxide		
		Haloxifop		
		Benalaxyl		
		Boscalid		
		Buprofezin		
		Cadusafos		
		Clofentezine		
		Diflubenzuron		
		Dimethomorph		
		Dinocap		
		Diphenylamine		
		Dodine		
		Ethoxyquin		
		Fenarimol		
		Fipronil		
		Flutolanil		
		Hexythiazox		
		Imazalil		
		Kresoxim-methyl		
		Metalaxyl		
		Propargite		
		Pyrethrin		
		Pyrimethanil		
Pyriproxifen				
Quinoxifen				
Tebufenozide				
Teflubenzuron				
Thiabendazole				
Thiacloprid				
Tolclofos-methyl				
Tolyfluanid				
Triforin				

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Black Tea, Green Tea, White Tea, Fragrant Tea, Traditional Fragrant Tea, Oolong Tea (Semi Fermented), Green Tea Powder, Packaged Dried Tea, Black Tea Bags, Fragrant Tea bags, Green Tea Bags, Bottled Tea/ Ready to Drink Tea, Instant Tea, Tea Concentrate, Premix Tea	Zoxamide Prochloraz	EN 15662:2018		
	Corn and soybean processed foods : 1. The sample contains little sugar, fat, oil and chocolate : soy milk powder 2. The sample contains a lot of sugar : corn sugar, soy sauce 3. The sample contains lecithin, fat or oil : corn oil, lecithin	Qualitative tests of genetically modified food with parameters of genetically modified materials (GMO) include : 1. Promoter 35S 2. Terminator NOS 3. Soybean lectin gene 4. Adh1 maize 5. Event Roundup ready soya 6. Event MON 810 maize 7. Event MIR604 maize 8. Event GA21 maize 9. Event 3272 maize 10. Event NK603 maize 11. Event Bt-11 maize	18-1/MU/SMM-SIG (PCR)		
	Gelatine Powder, Barbeque Sauce (BBQ Sauce), Pizza Sauce, Spaghetti Sauce, Oyster sauce, Marinated Sauce	Meat authenticity (Porcine DNA Identification)	18-11-47/MU/SMM-SIG (PCR)		
	Refined crystal sugar	Loss on Drying	Particle size	SNI 3140-2: 2018 Appendix A.4	
			Polarization	SNI 3140-2: 2018 Appendix A.8	
			Ash conductivity	SNI 3140-2: 2018 Appendix A.2	
				SNI 3140-2: 2018 Appendix A.6	
	NPK fertilizer	Total Nitrogen	SNI 2803: 2012 point 6.2		
	Instant Noodles	Odor	Taste	SNI 3551-2018 Appendix A.2.1	
			Color	SNI 3551-2018 Appendix A.2.2	
			Texture	SNI 3551-2018 Appendix A.2.3	
			Foreign matter	SNI 3551-2018 Appendix A.2.4	
			Integrity	SNI 3551-2018 Appendix A.2.5	
			Moisture	SNI 3551-2018 Appendix A.2.6	
			Sodium (Na)	SNI 3551-2018 Appendix A.3	
			18-13-1/MU/SMM-SIG (ICP OES)		
Palm cooking oil	Cloud Point		AOCS Official Method Cc 6-25 of 2009, reapproved 2017		
		Unsaponifiable part	AOCS Official Method Ca 6b-53, 2011 reapproved 2017		

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AMD 3

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	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Palm cooking oil	Total Carotenoid	SNI 7709 : 2019 point A.7.3		
	Sweetened Condensed Milk	Total Ash	SNI 01-2891-1992 point 6.1		
Textile	Sardines and mackerel in canned packaging	Filth	SNI 2372.7: 2011		
		Sensory	SNI 2346:2015, SNI 8222: 2016 Appendix A		
	2-Naphtylamine	18-14-8/MU/SMM-SIG (GC-MS)	ISO 14362-1: 2017		
		4-Methoxy-m-phenylenediamine	18-14-8/MU/SMM-SIG (GC-MS)		ISO 14362-1: 2017
			Biphenyl-4-ylamine		18-14-8/MU/SMM-SIG (GC-MS)
		4,4'-Methylenedianiline			18-14-8/MU/SMM-SIG (GC-MS)
			3,3'-Dimethoxybenzidine		18-14-8/MU/SMM-SIG (GC-MS)
		4,4'-Methylenedi-o-toluidine			18-14-8/MU/SMM-SIG (GC-MS)
			4,4'-Oxydianiline		18-14-8/MU/SMM-SIG (GC-MS)
		4,4'-Methylene-bis-(2-chloro-aniline)			18-14-8/MU/SMM-SIG (GC-MS)
			3,3'-Dimethylbenzidine		18-14-8/MU/SMM-SIG (GC-MS)
		4,4'-Thiodianiline			18-14-8/MU/SMM-SIG (GC-MS)
			O-Aminoazotoluene		18-14-8/MU/SMM-SIG (GC-MS)
		6-Methoxy-m-toluidine			18-14-8/MU/SMM-SIG (GC-MS)
			Benzidine		18-14-8/MU/SMM-SIG (GC-MS)
		4-Methyl-m-phenylenediamine			18-14-8/MU/SMM-SIG (GC-MS)
			5-Nitro-O-toluidine		18-14-8/MU/SMM-SIG (GC-MS)

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Textile	5-Nitro-O-toluidine	ISO 14362-1: 2017	
		3,3'-Dichlorobenzidine	18-14-8/MU/SMM-SIG (GC-MS)	
			ISO 14362-1: 2017	
		O-Anisidine	18-14-8/MU/SMM-SIG (GC-MS)	
			ISO 14362-1: 2017	
		2,4,5-Trimethylaniline	18-14-8/MU/SMM-SIG (GC-MS)	
		2,4,5-Trimethylaniline	ISO 14362-1: 2017	
		4-Chloro-o-toluidine	18-14-8/MU/SMM-SIG (GC-MS)	
			ISO 14362-1: 2017	
		O-Toluidine	18-14-8/MU/SMM-SIG (GC-MS)	
			ISO 14362-1: 2017	
		4-Aminoazobenzene	18-14-29/MU (GC-MS)	
		4-Aminoazobenzene	18-14-8/MU/SMM-SIG (GC-MS)	
		4-Aminoazobenzene	ISO 14362-1: 2017	
		4-Aminoazobenzene	ISO 14362-3: 2017	
		4-Chloroaniline	18-14-8/MU/SMM-SIG (GC-MS)	
		4-Chloroaniline	ISO 14362-1: 2017	
		Extracted Metal-Cadmium (Cd)	SNI 7334:2019, 18-13-19/MU/SMM-SIG (ICP MS)	
		Extracted Metal-Nickel (Ni)	SNI 7334:2019, 18-13-19/MU/SMM-SIG (ICP MS)	
	Extracted Metal-Copper (Cu)	SNI 7334:2019, 18-13-19/MU/SMM-SIG (ICP MS)		
	Extracted Metal-Lead (Pb)	SNI 7334:2019, 18-13-19/MU/SMM-SIG (ICP MS)		
	Rice	Glufosinate Ammonium	18-12-2-2/MU/SMM-SIG (LC-MSMS)	
	Iodized Consumption Salt	Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP MS)	
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP MS)	
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP MS)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP MS)	
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP MS)	
	Masks from fabric	Differential pressure	SNI EN 14683:2019+AC:2019 Annex C	
	Coffee Powder	Acrylamide	ISO 18862:2016 Point 8.4	
	Soap bar for bath	Unsaturated fats	SNI 3532-2021 point 6.8	
	Crude palm oil (CPO)	Odor	SNI 2901: 2021 Appendix A.2.2	
		Color	SNI 2901: 2021 Appendix A.2.1	
		Moisture and impurities	SNI 2901:2021 point 7.c	

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Crude palm oil (CPO)	Free fatty acids (as palmitic acid)	SNI 2901:2021 point 7.d		
		Iodine Value	SNI 01-2901-2021 point 7.e		
		Deterioration of Bleachability Index (DOBI)	ISO 17932: 2011 point 3.1		
		Total carotenoid	ISO 17932: 2011 point 3.2		
	Honey		Fructose		18-5-15/MU/SMM-SIG (HPLC-RI)
			Glucose		18-5-15/MU/SMM-SIG (HPLC-RI)
			Sucrose		18-5-15/MU/SMM-SIG (HPLC-RI)
			Maltose		18-5-15/MU/SMM-SIG (HPLC-RI)
			Lactose		18-5-15/MU/SMM-SIG (HPLC-RI)
	Black tea in bag		Crude fiber		SNI 3753-2014 Appendix A.8
	Antiseptic soap bar for bath		Unsaturated fats		SNI 2878-2021 point 6.8
	White crystalline sugar		Loss on Drying		SNI 3140-3: 2020 Appendix B
	White crystalline sugar		Large grain type		SNI 3140-3-2020 Appendix E
			Polarization		SNI 3140-3: 2020 Annex A
			Ash conductivity		SNI 3140-3: 2020 Appendix D
			Copper (Cu)		18-13-1/MU/SMM-SIG (ICP OES)
	Flavored powdered drink		Sensory		SNI 3722-2018 point A.2
			Moisture		SNI 3722-2018 point A.3
	Medical Mask		Differential pressure		SNI EN 14683:2019+AC:2019 Annex C
	Flavored yogurt drinks, yogurt		Cholesterol		18-6-5/MU/SMM-SIG (GC-FID)
	Ice Cream		Protein		18-8-31/MU/SMM-SIG (Titrimetry)
	Processed Cheese, Processed Cheddar Cheese		Sodium Benzoate (Na-Benzoate)		18-5-18/MU/SMM-SIG (HPLC-PDA)
			Potassium Sorbate		18-5-18/MU/SMM-SIG (HPLC-PDA)
	Full Cream Milk Powder, Instant Full Cream Milk, Low Fat Milk Powder & Reduced Fat Milk Powder		Total Ash		SNI 01-2891-1992 point 6.1
			Fructose		AOAC 999.03, 2007
			Vitamin A		18-5-1/MU/SMM-SIG (HPLC-PDA)
			Vitamin E		18-5-1/MU/SMM-SIG (HPLC-PDA)
Vitamin B9 (Folic Acid)			18-5-38/MU/SMM-SIG (UPLC-PDA)		
3,3',4,4'-Tetrachlorobiphenyl / PCB 77			18-14-18/MU/SMM-SIG (GC-MSMS)		
3,4,4',5-Tetrachlorobiphenyl / PCB 81			18-14-18/MU/SMM-SIG (GC-MSMS)		
2,3,3',4,4'-Pentachlorobiphenyl / PCB 105			18-14-18/MU/SMM-SIG (GC-MSMS)		
2,3,4,4',5-Pentachlorobiphenyl / PCB 114			18-14-18/MU/SMM-SIG (GC-MSMS)		
2,3',4,4',5-Pentachlorobiphenyl / PCB 118			18-14-18/MU/SMM-SIG (GC-MSMS)		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks		
Chemistry / Biology	Full Cream Milk Powder, Instant Full Cream Milk, Low Fat Milk Powder & Reduced Fat Milk Powder	2',3,4,4',5'-Pentachlorobiphenyl / PCB 123	18-14-18/MU/SMM-SIG (GC-MSMS)			
		3,3',4,4',5'-Pentachlorobiphenyl / PCB 126	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,3,3',4,4',5'-Hexachlorobiphenyl / PCB 156	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,3,3',4,4',5'-Hexachlorobiphenyl / PCB 157	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,3',4,4',5,5'-Hexachlorobiphenyl / PCB 167	18-14-18/MU/SMM-SIG (GC-MSMS)			
		3,3',4,4',5,5'-Hexachlorobiphenyl / PCB 169	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,3,3',4,4',5,5'-Heptachlorobiphenyl / PCB 189	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,4,4'-Trichlorobiphenyl / PCB 28	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,2',5,5'-Tetrachlorobiphenyl / PCB 52	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,2',4,5,5'-Pentachlorobiphenyl / PCB 101	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,2',3,4,4',5'-Hexachlorobiphenyl / PCB 138	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,2',4,4',5,5'-Hexachlorobiphenyl / PCB 153	18-14-18/MU/SMM-SIG (GC-MSMS)			
		2,2',3,4,4',5,5'-Heptachlorobiphenyl / PCB 180	18-14-18/MU/SMM-SIG (GC-MSMS)			
		VCO (Virgin Coconut Oil)		Sensory	SNI 7381: 2022 Appendix A.2	
				Moisture	ISO 684-2. 1-1996	
Moisture and volatile matter	SNI 7381:2022 (SNI ISO 662)					
Free fatty acids	SNI 7381:2022 (SNI ISO 660)					
Insoluble part	ISO 663:2017					
Unaponified parts	AOCS Ca 6b-53, 2011					
Saponified parts	BS 684-2.15-1986					
Refractive index	ISO 6320 : 2017					
Iodine Value	SNI 7381:2022 (SNI ISO 3961)					
Peroxide Value	SNI 7381-2008 Appendix B.6					
Iron (Fe)	18-13-1/MU/SMM-SIG (ICP OES)					
Copper (Cu)	18-13-1/MU/SMM-SIG (ICP OES)					
Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP MS)					
Lead (Pb)	18-13-14/MU/SMM-SIG (ICP MS)					
Tin (Sn)	18-13-14/MU/SMM-SIG (ICP MS)					
Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP MS)					
Arsen (As)	18-13-14/MU/SMM-SIG (ICP MS)					
Fat Emulsion products (Total fat is not less than 80%)	Emulsions containing less than 80% fat	Ascorbic Palmitate	18-5-46/MU/SMM-SIG (UPLC-PDA)			
		Iodine Value	AOAC 993.20, 2005			

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Emulsions containing less than 80% fat	Peroxide Value	AOAC 965.33, 2005		
	Whole Grain	Ammonium	18-12-2-2/MU/SMM-SIG (LC-MSMS)		
		Glyphosate	18-12-28/MU/SMM-SIG (LC-MSMS)		
		Glufosinate Ammonium	18-12-2-2/MU/SMM-SIG (LC-MSMS)		
	Vegetable, Fresh Legume & Grain	Dissolved solids (brix)	SNI 3746-2008 point B.4		
		Tartrazine	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Sunset Yellow	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Allura Red	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Carmoisine	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Ponceau 4R	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Erythrosine	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Brilliant Blue	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Indigotine	18-5-28/MU/SMM-SIG (HPLC-PDA)		
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP MS)		
		Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Fruit Puree, Fruit Paste, Fruit Sauce, Applesauce, Topping Buah, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour	Lead (Pb)	18-13-14/MU/SMM-SIG (ICP MS)	
			Tin (Sn)	18-13-14/MU/SMM-SIG (ICP MS)	
			Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP MS)	
	Arsen (As)		18-13-14/MU/SMM-SIG (ICP MS)		
	Fruit Jam, Fruit Jelly, Fruit Pastry Filling, Marmalade, Manggo Chutney, Compote, Candied Fruit, Candied Fruit Peel, Fruit Puree, Fruit Paste, Fruit Sauce, Apple sauce, Fruit Topping, Raw Nata De Coco, Tamarind Concentrate, Tamarind Powder, Tamarind Toffee, Fruit Bars, Fruit Flour	Fruit fiber visually	SNI 3746-2008 point B.3		
		Fenpyroximate	EN 15662:2018 Module E5, C4, D1, Q2		
Azoxystrobin		EN 15662:2018 Module E5, C4, D1, Q2			
Chocolate Liquor, Drinking Chocolate, Instant Chocolate	Water activity (AW)	18-11-68/MU/SMM-SIG (AW Meter)			
Sugar Confectionery (Hard Candy)	Anthocyanins	18-9-19/MU/SMM-SIG (Spectrophotometry UV-Vis)			

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AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Sugar Confectionery (Hard Candy)	Natrium Benzoat	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Potassium Sorbate	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Sodium Saccharin (Na-Saccharin)	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Copper (Cu)	18-13-1/MU/SMM-SIG (ICP OES)	
	Sugar Confectionery (Soft Candy)	Dyes pewarna tekstil methanyl yellow	18-11-58/MU (KIT)	
		Dyes Pewarna Tekstil Rhodamin B	18-11-57/MU (KIT)	
		Formaldehide	18-11-5/MU/SMM-SIG (KIT)	
		Copper (Cu)	18-13-1/MU/SMM-SIG (ICP OES)	
	Bubble gum	Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP MS)	
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP MS)	
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP MS)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP MS)	
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP MS)	
	Wheat Flour	Chlormequat	18-12-2-5/MU/SMM-SIG (LC-MSMS)	
	Modified Starch, arrowroot starch, corn or cornstarch, sago starch, Hunkwee flour, tapioca, dextrin, Pregelatinized starch	Acid degree	SNI 3451: 2011 Appendix A.8	
	Instant Noodle, Macaroni (Pasta), Wheat Noodle, Instant Rice Vermicelli Noodle, Kwetiau, Instant Macaroni, Cooked Wet Noodle, Instant Rice, Instant Cereals Porridge, Glass Noodle, Rice Vermicelli Noodle	Moisture	SNI 8217-2015 Appendix A.3	
		Ash	SNI 8217-2015 Appendix A.6	
		Total fat	18-8-5/MU/SMM-SIG (Gravimetry)	
		Protein	18-8-31/MU/SMM-SIG (Titrimetry)	
		Carbohydrate by Difference	FAO. 2003. Food Energy – methods of analysis and conversion factors. 2.3 Analytical Methods for Carbohydrates in Foods (By Difference)	
Sulfite		18-11-26/MU/SMM-SIG (Titrimetry)		
Vitamin B9 (Folic Acid)		18-5-38/MU/SMM-SIG (UPLC-PDA)		
Borax		18-11-9/MU (KIT)		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Fruit Loaf/Raisin Bread, Fortified Bread, Roll Bread, White Bread, Peeled White Bread, Milk Bread, Milk Roll, Milk Bun, Wheat Germ Bread, Meal Bread, Whole Meal Brad, Whole Wheat Bread, Rye Bread, Pumpernickel Bread	Sensory	SNI 01-3840-1995 point 7.1	
		Insect/maggot contamination	SNI 01-3840-1995 point 7.8	
		Moisture	SNI 01-3840-1995 point 7.2	
		Ash	SNI 01-3840-1995 point 7.3	
		Ash Insoluble in Acid	SNI 01-3840-1995 point 7.4	
		Total fat	18-8-5/MU/SMM-SIG (Gravimetry)	
		Total sugar	18-8-8/MU/SMM-SIG (Titrimetry)	
		Sodium Benzoate (Na-Benzoate)	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Potassium Sorbate	18-5-18/MU/SMM-SIG (HPLC-PDA)	
		Acesulfame K	18-5-18/MU/SMM-SIG (HPLC-PDA)	
	Sodium Saccharin (Na-Saccharin)	18-5-18/MU/SMM-SIG (HPLC-PDA)		
	Sodium Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)		
	Biscuit (Sweet) or Cookies, or Sweet Crackers, Marie Biscuit, Coated Marie Biscuit, Bagel Bread, Coated Biscuit, Biscuit Stick	Carbohydrates	SNI 01-2891-1992 point 9	
		Fructose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Glucose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Sucrose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Maltose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Lactose	18-5-15/MU/SMM-SIG (HPLC-RI)	
		Total carotenoids	18-9-16/MU/SMM-SIG (Spectrophotometry UV-Vis)	
		Ascorbic Palmitate	18-5-46/MU/SMM-SIG (UPLC-PDA)	
		Ponceau 4R Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Sunset Yellow Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Allura Red Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Carmoisine Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Tartrazine Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Brilliant Blue Qualitative	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Tartrazine	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Sunset Yellow	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Allura Red	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Carmoisine	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Ponceau 4R	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Brilliant Blue	18-5-28/MU/SMM-SIG (HPLC-PDA)	
		Aluminum (Al)	18-13-1/MU/SMM-SIG (ICP OES)	

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AMD 3

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Indonesian Typical Processed Meat, Cooked Cured Beef Shank, Undercooked Beef Chuck, Canned Chiken Meat, Tsukudani, Indonesian Typical Processed Meat Fillet, Coated And Marinated Meat Products, Packaged Meat with Broth, Canned Meat without Broth, Cooked Cure Meat	Ash	SNI 01-2891-1992 point 6.1	
		NaCl (Sodium Chloride)	SNI 01-2891-1992 point 15	
Beef		2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		Octachlorodibenzo-p-dioxin (OCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		2,3,7,8-Tetrachlorodibenzofuran (TCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		Octachlorodibenzofuran (OCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
Meat, Poultry, Game Meat (Grounded and Processed by Heat Treated)		Ash	SNI 3818-2014 point A.4	
		NaCl (Sodium Chloride)	SNI 01-2891-1992 point 15	
Meat, Poultry, Game Meat (Grounded, Processed, and Freezed)		Ash	SNI 01-2891-1992 point 6.1	
		NaCl (Sodium Chloride)	SNI 01-2891-1992 point 15	
		Sodium (Na)	18-13-1/MU/SMM-SIG (ICP OES)	
		Potassium (K)	18-13-1/MU/SMM-SIG (ICP OES)	
		Manganese (Mn)	18-13-1/MU/SMM-SIG (ICP OES)	
Fresh mollusks, crustaceans and echinoderms		2,4'-DDT	18-14-28/MU (GC-MSMS)	
		4,4' - DDT	18-14-28/MU (GC-MSMS)	
		4,4' - DDD	18-14-28/MU (GC-MSMS)	

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Fresh mollusks, crustaceans and echinoderms	4,4'-DDE	18-14-28/MU (GC-MSMS)		
		Endrin	18-14-28/MU (GC-MSMS)		
		Hexachlorobenzene	18-14-28/MU (GC-MSMS)		
		Lindane	18-14-28/MU (GC-MSMS)		
		Heptachlor	18-14-28/MU (GC-MSMS)		
		cis-Chlordane	18-14-28/MU (GC-MSMS)		
		trans-Chlordane	18-14-28/MU (GC-MSMS)		
		Dieldrin	18-14-28/MU (GC-MSMS)		
		Aldrin	18-14-28/MU (GC-MSMS)		
		Heptachlor epoxide	18-14-28/MU (GC-MSMS)		
	Fish, fish fillets and fishery products include Frozen mollusks, crustaceans and echinoderms	Central temperature of fish	SNI 01-2372.1-2006		
		2,4'-DDT	18-14-28/MU (GC-MSMS)		
			4,4' - DDT		18-14-28/MU (GC-MSMS)
			4,4' - DDD		18-14-28/MU (GC-MSMS)
			4,4'-DDE		18-14-28/MU (GC-MSMS)
			Endrin		18-14-28/MU (GC-MSMS)
			Hexachlorobenzene		18-14-28/MU (GC-MSMS)
			Lindane		18-14-28/MU (GC-MSMS)
			Heptachlor		18-14-28/MU (GC-MSMS)
			cis-Chlordane		18-14-28/MU (GC-MSMS)
trans-Chlordane			18-14-28/MU (GC-MSMS)		
Dieldrin			18-14-28/MU (GC-MSMS)		
Soft White Sugar, Soft Brown Sugar, Glucose Syrup, Dry Glucose Syrup, Raw Granulated Sugar, Glucose, Raw Crystal Sugar, Refined Crystal Sugar	Sulfite	SNI 01-2894-1992 point 2.6.3			
Sweetener		Fructose	18-5-15/MU/SMM-SIG (HPLC-RI)		
		Glucose	18-5-15/MU/SMM-SIG (HPLC-RI)		
		Sucrose	18-5-15/MU/SMM-SIG (HPLC-RI)		
		Maltose	18-5-15/MU/SMM-SIG (HPLC-RI)		
		Lactose	18-5-15/MU/SMM-SIG (HPLC-RI)		
Black pepper		Insect contamination	SNI 0005-2013 Appendix A		
		Mold contamination	SNI 0005-2013 Appendix F		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory Address Phone. (0251) 7532384 Email. adim@saraswanti.com	PT Saraswanti Indo Genetech : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Black pepper	Light Berries (ISO 959-1:1998 Annex A)	SNI 0005-2013 Appendix D		
		Foreign matter	SNI 0005-2013 Appendix E		
		Density	SNI 0005-2013 Appendix B		
	White pepper	Insect contamination	SNI 0004-2013 Appendix A		
		Black berries (ISO 959-2:1998)	SNI 0004-2013 Appendix F		
		Mold contamination	SNI 0004-2013 Appendix G		
		Light Berries (ISO 959-2:1998 Annex A)	SNI 0004-2013 Appendix D		
		Foreign matter	SNI 0004-2013 Appendix E		
		Density	SNI 0004-2013 Appendix B		
		Moisture	AOAC 986.21 2006		
	Chilli Sauce, Chilli Soy Sauce, Green Chilli Sauce, Sambal, Ready to Eat Sambal, Hydrolyzed Vegetable Protein (HVP) Sauce, Hydrolyzed Vegetable Protein Blended Sauce	Sulfite	18-11-26/MU/SMM-SIG (Titrimetry)		
	Chili sauce	Microscopic	SNI 01-2976-2006 point 6.4		
	Fruit juice, other fruit juice	Sensory	SNI 3719:2014 appendix A.2		
	Fruit juice, apple juice, Orange juice, other fruit juice	Dissolved solids/Brix degree	SNI 3719:2014 appendix A.3		
	Fruit juice, apple juice, orange juice, Lemon juice, other fruit juice	Acidity	SNI 3719-2014 point A.3		
	Punches/Ades, Crush, Cordials, Fruit Juice, Fruit Flavored Drink, Flavoured Syrup, Fruit Syrup, Chocolate Syrup, Caramel Syrup, Coffee Syrup, Flavored Water, Squash, Flavored Squash, Lemonade & Others 'Fruit-Ades', Flavored Powder Drink, Orange Flavored Powder Drink, Non Carbonated Electrolyte Drink, Non Carbonated Hypotonic Drink, Non Carbonated Isotonic Drink, Non Carbonated Hypertonic Drink, Electrolyte Drinks Base (Non Carbonated), Tamarind Drink, Iced Tea, Instant Iced Tea, Coconut Sap/ Neera drink, Jelly Drink, Nata De Coco Drink	Specific Gravity	SNI 01-2891-1992 point 17.2		
		Total Volume	NIST Handbook No. 133 of 2020 test procedures 3.3.2 (Titrimetry)		
		Moisture	SNI 01-2891-1992 point 5.1		
		Dissolved solids / Brix	ISO 2173:2003		
		Neotame	18-5-5/MU/SMM-SIG (UPLC-ELSD)		
Sucralose		18-5-5/MU/SMM-SIG (UPLC-ELSD)			
Steviol		18-12-42/MU/SMM-SIG (LC-MSMS)			
Stevioside		18-12-42/MU/SMM-SIG (LC-MSMS)			
Steviolbioside		18-12-42/MU/SMM-SIG (LC-MSMS)			
Dulcoside A		18-12-42/MU/SMM-SIG (LC-MSMS)			
Ruboside	18-12-42/MU/SMM-SIG (LC-MSMS)				
Rebaudioside A	18-12-42/MU/SMM-SIG (LC-MSMS)				
Rebaudioside B	18-12-42/MU/SMM-SIG (LC-MSMS)				

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Punches/Ades, Crush, Cordials, Fruit Juice, Fruit Flavored Drink, Flavoured Syrup, Fruit Syrup, Chocolate Syrup, Caramel Syrup, Coffee Syrup, Flavored Water, Squash, Flavored Squash, Lemonade & Others 'Fruit-Ades', Flavored Powder Drink, Orange Flavored Powder Drink, Non Carbonated Electrolyte Drink, Non Carbonated Hypotonic Drink, Non Carbonated Isotonic Drink, Non Carbonated Hypertonic Drink, Electrolyte Drinks Base (Non Carbonated), Tamarind Drink, Iced Tea, Instant Iced Tea, Coconut Sap/ Neera drink, Jelly Drink, Nata De Coco Drink	Rebaudioside C	18-12-42/MU/SMM-SIG (LC-MSMS)	
		Rebaudioside F	18-12-42/MU/SMM-SIG (LC-MSMS)	
		Rebaudioside D	18-12-42/MU/SMM-SIG (LC-MSMS)	
		Rebaudioside M	18-12-42/MU/SMM-SIG (LC-MSMS)	
		Steviols Equivalent	18-12-42/MU/SMM-SIG (LC-MSMS)	
		Sodium Cyclamate	18-5-31/MU/SMM-SIG (HPLC-UV-VIS / PDA)	
		Tartaric Acid	18-5-32/MU (UPLC-PDA)	
		Malic Acid	18-5-32/MU (UPLC-PDA)	
		Lactic Acid	18-5-32/MU (UPLC-PDA)	
		Acetic Acid	18-5-32/MU (UPLC-PDA)	
		Citric Acid	18-5-32/MU (UPLC-PDA)	
		Succinic Acid	18-5-32/MU (UPLC-PDA)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP MS)	
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP MS)	
		Tin (Sn)	18-13-14/MU/SMM-SIG (ICP MS)	
	Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP MS)		
	Arsen (As)	18-13-14/MU/SMM-SIG (ICP MS)		
	Black Tea, Green Tea, White Tea, Fragrant Tea, Traditional Fragrant Tea, Oolong Tea (Semi Fermented), Green Tea Powder, Packaged Dried Tea, Black Tea Bags, Fragrant Tea bags, Green Tea Bags, Bottled Tea/ Ready to Drink Tea, Instant Tea, Tea Concentrate, Premix Tea	Net weight (net)	NIST Handbook No. 133 of 2020 test procedures 2.5.2 (Gravimetry)	
		Dissolved solids / Brix	ISO 2173:2003	
		Color intensity	18-9-49/MU/SMM-SIG (Spectrophotometry UV-Vis)	
		Antioxidant activity (IC50)	18-9-97/MU (Spectrophotometry UV-Vis)	
	Roasted and ground coffee	Moisture	SNI 8964-2021 point 6.d	
		Ash	SNI 8964-2021 Appendix A.4	
		Ash soluble in water	SNI 8964-2021 Appendix A.5	
		Solids dissolved in water (coffee essence)	SNI 8964-2021 Appendix A.7	
		Alkalinity of water soluble ash	SNI 8964-2021 Appendix A.6	
	Ready to Drink Tea	Sensory	SNI 3143-2011 point A.2	
Flavored alcoholic drink	Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP MS)		
	Lead (Pb)	18-13-14/MU/SMM-SIG (ICP MS)		
	Tin (Sn)	18-13-14/MU/SMM-SIG (ICP MS)		
	Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP MS)		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Flavored alcoholic drink	Arsen (As)	18-13-14/MU/SMM-SIG (ICP MS)		
	Snacks based on potatoes, tubers, cereals, flour or starch	Cyanide Free		18-9-18/MU (Spectrophotometry UV-Vis)	
		Cadmium (Cd)		18-13-14/MU/SMM-SIG (ICP MS)	
		Lead (Pb)		18-13-14/MU/SMM-SIG (ICP MS)	
		Tin (Sn)		18-13-14/MU/SMM-SIG (ICP MS)	
		Mercury (Hg)		18-13-14/MU/SMM-SIG (ICP MS)	
		Arsen (As)		18-13-14/MU/SMM-SIG (ICP MS)	
	Crispy beans, onion beans, egg beans, Flour Coated Peanut, peas, koro beans. Cashews, baked beans, shake beans	Ash		SNI 01-2891-1992 point 6.1	
		Peroxide Value		18-11-29/MU/SMM-SIG (Titrimetry)	
	Liquid Cosmetics (liquid, viscous liquid, and suspension)	Specific Gravity		The 2020 edition, P. 2054	
	Pharmaceutical raw materials, drugs, supplements, traditional medicine (liquid preparations)	Specific Gravity		The 2020 edition, P. 2054	
	Tablet Drugs	N-Nitrosodietilamin (NDEA)		18-14-19/MU/SMM-SIG (GC-MS Headspace)	
		N-Nitrosodimetilamin (NDMA)		18-12-40/MU/SMM-SIG (LC-MSMS)	
		N-Nitrosodimetilamin (NDMA)		18-14-19/MU/SMM-SIG (GC-MS Headspace)	
	Supplement Tablets	Metilsulfonilmetan (MSM)		18-6-28/MU/SMM-SIG (GC-FID)	
	Dipotassium Hydrogen Phospate Raw Material	Sulfates		USP. 2019. <221> Chloride and Sulfate. USP-NF.	
	Ascorbic Acid Raw Material	Specifics of rotation		USP. 2017. <781> Optical Rotation. USP-NF.	
	Mefenamic Acid Raw Material	Melting point		USP. 2018. <741> Melting Range or Temperature. USP-NF.	
	Sodium Bicarbonate Raw Material	Purity		JECFA Additive-407 of 2002 (Titration)	
	Selenium yeast	Selenium (Se)		18-13-1/MU/SMM-SIG (ICP OES)	
	Roasted groundnuts	Two-seeded pods		SNI 01-4301-1996 point 6.2	
		Wrinkled pods		SNI 01-4301-1996 point 6.2	
		burst pods		SNI 01-4301-1996 point 6.2	
Pods attacked by pests and diseases			SNI 01-4301-1996 point 6.2		
Yield			SNI 01-4301-1996 point 6.3		
Foreign matter			SNI 01-4301-1996 point 6.2		
Sensory			SNI 01-4301-1996		
NaCl (Sodium Chloride)			SNI 01-4301-1996 point 6.6		
Roasted groundnuts	Moisture content of seeds		SNI 01-4301-1996 point 6.5		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Feed Raw Materials	Protein soluble in KOH	18-11-136 / MU (Titrimetry)	
		Aflatoxin B1	18-12-27/MU/SMM-SIG (LC-MSMS)	
		Fluoride	18-6-21/MU/SMM-SIG (GC-FID)	
		2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		Octachlorodibenzo-p-dioxin (OCDD)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		2,3,7,8-Tetrachlorodibenzofuran (TCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		Octachlorodibenzofuran (OCDF)	18-17-1/MU/SMM-SIG (GC-MSMS)	
		Cadmium (Cd)	18-13-14/MU/SMM-SIG (ICP MS)	
		Lead (Pb)	18-13-14/MU/SMM-SIG (ICP MS)	
		Mercury (Hg)	18-13-14/MU/SMM-SIG (ICP MS)	
		Arsen (As)	18-13-14/MU/SMM-SIG (ICP MS)	
		Animal Feed	Total fat	AOAC 2003.06, 2006
	Aflatoxin B1		18-12-27/MU/SMM-SIG (LC-MSMS)	
	Zearalenone		18-12-27/MU/SMM-SIG (LC-MSMS)	
	Fluoride		18-6-21/MU/SMM-SIG (GC-FID)	
	Dry material		AOAC 930.15, 2005	
		Melamine	18-12-1/MU/SMM-SIG (LC-MSMS)	
	Rubber shoes	PBDE (2,2',4,4',5-Pentabromodiphenyl ether (BDE- 99))	18-14-26/MU/SMM-SIG (GC-MS)	

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Rubber shoes	PBDE (2,2',4,4',6-Pentabromodiphenyl ether (BDE- 100))	18-14-26/MU/SMM-SIG (GC-MS)	
		Cadmium extracted metal (Cd)	SNI ISO 8124-3:2010	
		Nickel (Ni)extracted metal	SNI ISO 8124-3:2010	
		Copper-extracted metal (Cu)	SNI ISO 8124-3:2010	
		Lead extracted metal (Pb)	SNI ISO 8124-3:2010	
	Bedcover	PBDE (2,2',4,4',5-Pentabromodiphenyl ether (BDE- 99))	ISO 17881-1 2017	
		PBDE (2,2',4,4',6-Pentabromodiphenyl ether (BDE- 100))	ISO 17881-1 2017	
	Spring Mattress	PBDE (2,2',4,4',5-Pentabromodiphenyl ether (BDE- 99))	ISO 17881-1 2017	
		PBDE (2,2',4,4',6-Pentabromodiphenyl ether (BDE- 100))	ISO 17881-1 2017	
	Crayon	Cadmium extracted metal (Cd)	SNI ISO 8124-3:2010	
		Nickel (Ni)extracted metal	SNI ISO 8124-3:2010	
		Copper-extracted metal (Cu)	SNI ISO 8124-3:2010	
		Lead extracted metal (Pb)	SNI ISO 8124-3:2010	
	Blanket	PBDE (2,2',4,4',5-Pentabromodiphenyl ether (BDE- 99))	ISO 17881-1 2017	
		PBDE (2,2',4,4',6-Pentabromodiphenyl ether (BDE- 100))	ISO 17881-1 2017	
	Mosquito Repellent	Viscosity	18-11-11/MU/SMM-SIG (Viscosimeter Brookfield)	
	Bandage	Absorbency	SNI 16-6363-2000 point 6.2.5	
	Baby diaper	Absorption capacity	SNI 8802: 2019 point 4.5	
	Monosodium Glutamate Raw Material	Purity	General test JECFA XVII part 1.03 page 28 Additive-292. year 2021. Monosodium L- Glutamate (Titrimetry)	
		Chloride (qualitative)	General test JECFA XVII part 1.03 page 28 Additive-292. year 2021. Monosodium L- Glutamate (Visual comparison)	
Chloride (qualitative)		USP. 2019. <221> Chloride and Sulfate. USP-NF.		
Waste water	Total Dissolved Solids (TDS)	SNI 6989.27:2019		
	Hexavalent Chromium (Cr6+)	SNI 6989.71:2009		
	Total suspended solids (TSS)	SM APHA 23rd Ed., 2540 D, 2017		
	Chemical oxygen demand (COD)	SNI 6989.73:2019		

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AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Waste water	Fixed and Volatile solid Ignited at 550 oC	SM APHA 23rd Ed., 2540 E, 2017		
		Nitrate (NO3 N)	SM APHA 23rd Ed., 4500-NO3- B, 2017		
		Ammonium	18-9-26/MU/SMM-SIG (Spectrophotometry)		
		Fluoride (F-)	18-9-23/MU/SMM-SIG (Spectrophotometry)		
		Vegetable oil and mineral oil	SNI 6989.10:2011		
		Nitrogen (N2)	18-8-31/MU/SMM-SIG (Titrimetry)		
	Surface Water	Surface Water	Silica (SiO2)		SNI 06-2477-1991
			Dissolved oxygen (DO)		ISO 5814 : 2012
			Sampling		SNI 8995 : 2021
	Groundwater	Groundwater	Sampling		SNI 8995 : 2021
	Tablet Medicine	Tablet Medicine	Residual Solvent Methanol		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent Ethanol		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent n-Propanol		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent 2-Propanol		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent Dichloromethane		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent Acetone		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent Acetonitril		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent Benzene		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Residual Solvent Chloroform		18-6-4/MU/SMM-SIG (GC-FID Headspace)
			Tablet Medicine		Tablet Medicine
	Residual Solvent Ethyl acetate	18-6-4/MU/SMM-SIG (GC-FID Headspace)			
	Demineralized Water	Demineralized Water	<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018
	Mineral Water	Mineral Water	<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018
	Natural Mineral Water	Natural Mineral Water	<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018
	Biscuits	Biscuits	<i>Enterobacteriaceae</i>		ISO 21528-2: 2017
			<i>Bacillus cereus</i>		ISO 7932:2004/Amd 1 : 2020
			<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020
<i>Staphylococcus aureus</i>			ISO 6888-1:1999/Amd 2:2018		
Instant noodles	Instant noodles	The Total Number Of Plates	ISO 4833-1: 2015		
		Molds and yeasts	SNI ISO 21527-2:2012		
		<i>Escherichia coli</i>	ISO 7251:2012		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
Swab Test Floor	Swab Test Floor	The Total Number Of Plates	ISO 4833-1: 2015		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Swab Test Floor	Enterobacteriaceae	ISO 21528-2: 2017	
		Mold and yeast	SNI ISO 21527-1:2012	
		<i>Escherichia coli</i>	ISO 16649-2: 2016	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>L.monocytogenes</i>	ISO 11290-1:2017	
		Surface sampling	ISO 18593:2018	
	Milk Powder	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Wheat Flour as a Food Ingredient	<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Masks from fabric	Bacterial Filtration Efficiency Test	SNI EN 14683:2019 + AC:2019 Annex B	
	Coffee Premix (Roasted Ground Coffee with Sugar and Creamer)	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Coffee Premix (Roasted Ground Coffee with Sugar and Milk)	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Coffee Mix	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Ready to Drink Coffee	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Soap bar for bath	Molds and yeasts	ISO 16212 : 2017	
		<i>Candida albicans</i>	ISO 18416 : 2015	
		<i>Staphylococcus aureus</i>	ISO 22718:2015	
		<i>Pseudomonas aeruginosa</i>	ISO 22717 : 2015	
	Tempeh	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Honey	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Cocoa Powder	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Soy sauce	The Total Number Of Plates	ISO 4833-1: 2015	
		Coliform	ISO 4831: 2012	
		Mold	SNI ISO 21527-2:2012	
	Soap bar for bath	Total plate count (TPC)	ISO 21149:2017	
	Antiseptic soap bar for bath	Bactericidal Activity Test	SNI EN 1040:2005 (Fase 1)	
Total plate count (TPC)		ISO 21149:2017		
Molds and yeasts		ISO 16212 : 2017		
<i>Candida albicans</i>		ISO 18416 : 2015		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Antiseptic soap bar for bath	<i>Staphylococcus aureus</i>	ISO 22718:2015		
		<i>Pseudomonas aeruginosa</i>	ISO 22717 : 2015		
	Medical Mask	Bioburden	SNI EN 14683:2019 + AC:2019 Annex D		
		Bacterial Filtration Efficiency Test	SNI EN 14683:2019 + AC:2019 Annex B		
	Milk and milk products (Milk, raw milk, pasteurized milk, UHT milk, sterilized milk, low fat milk, reconstituted milk, recombined milk)	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		Enterobacteriaceae	ISO 21528-1: 2017		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
		<i>Listeria monocytogenes</i>	ISO 11290-1:2017		
	Flavored fermented milk drinks, Lassi, flavored Yogurt drinks, acidified milk, low-fat acidified milk, nonfat acidified milk, fermented milk, fermented skimmed milk, low-fat fermented milk, Yogurt	<i>Streptococcus thermophilus</i>	ISO 7889: 2016		
	Whey Powder	Enterobacteriaceae	ISO 21528-2: 2017		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
	Ice cream	Enterobacteriaceae	ISO 21528-2: 2017		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
		<i>Listeria monocytogenes</i>	ISO 11290-1:2017		
		<i>Listeria monocytogenes</i>	ISO 11290-2:2017		
	Full cream milk powder	Enterobacteriaceae	ISO 21528-2: 2017		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
	Yogurt	Enterobacteriaceae	ISO 21528-2: 2017		
		<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Listeria monocytogenes</i>	ISO 11290-1:2017		
	Cream Analogue	The Total Number Of Plates	ISO 4833-1: 2015		
		Coliform	ISO 4831: 2012		
Enterobacteriaceae		ISO 21528-2: 2017			
<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020			
<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018			
Processed Cheese, Processed Cheddar Cheese	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018			
	<i>Listeria monocytogenes</i>	ISO 11290-2:2017			
Cooking Oil, Vegetable Oil, Salad Oil, Ghee, Shortening, Butterfat Substitute	The Total Number Of Plates	ISO 4833-1: 2015			
	Coliform	ISO 4831: 2012			

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology		Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Vegetable Oil	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Virgin oil	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Margarine	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Ice sticks	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Fresh Fruit	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Fresh vegetables	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Packaged fruit	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Fruit jam	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Nata De Coco	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Fruit Puree	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Frozen potatoes	<i>Escherichia coli</i>	ISO 16649-3: 2016	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Listeria monocytogenes</i>	ISO 11290-2:2017	
	Peanuts	<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
	Peanut butter	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Kimchi	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Coconut milk	The Total Number Of Plates	ISO 4833-1: 2015	
	Coliform	ISO 4831: 2012		
	<i>Escherichia coli</i>	ISO 7251:2012		
	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
Chocolate Paste	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
Chocolate Drop	Enterobacteriaceae	ISO 21528-2: 2017		
	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
Sugar Confectionery (Hard Candy)	Enterobacteriaceae	ISO 21528-2: 2017		
	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Sugar Confectionery (Hard Candy)	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
		The Total Number Of Plates	ISO 4833-1: 2015	
	Sugar Confectionery (Soft Candy)	Coliform	ISO 4831: 2012	
		Enterobacteriaceae	ISO 21528-2: 2017	
		Mold and yeast	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Sugar Confectionery (Soft Candy) Soft candy (Not Jelly)	Coliform	ISO 4831: 2012	
		Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
		Enterobacteriaceae	ISO 21528-2: 2017	
	Refined Cereals	<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Pasta and noodles	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Macaroni	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Spaghetti	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Seasoning Flour	The Total Number Of Plates	ISO 4833-1: 2015	
		Enterobacteriaceae	ISO 21528-2: 2017	
		Mold and yeast	SNI ISO 21527-2:2012	
		<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
	Tofu	The Total Number Of Plates	ISO 4833-1: 2015	
		Enterobacteriaceae	ISO 21528-2: 2017	
Mold and yeast		SNI ISO 21527-2:2012		
<i>Escherichia coli</i>		ISO 7251:2012		
<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020		
<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018		
Soy Powder Drink	Coliform	ISO 4831: 2012		
	Enterobacteriaceae	ISO 21528-2: 2017		
	Mold and yeast	SNI ISO 21527-2:2012		
	<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020		
	<i>Escherichia coli</i>	ISO 7251:2012		

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Soy Powder Drink	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
	Cake, Cookies, Pie, Butter Cake, Cheese Cake, Pound Cake or Quatre Quarts, Apple Pie, Bagel Bread, Wafer, Wafer Roll, Coated Wafer, Sugar Cookie, Oatmeal Cookie, <i>Bika Ambon, Serabi, Pukis, Kue Cucur, Cerabikang, Cakue, Kue Bantal, Kue Ape</i> , Egg Roll	The Total Number Of Plates	ISO 4833-1: 2015		
		Enterobacteriaceae	ISO 21528-2: 2017		
		Mold and yeast	SNI ISO 21527-2:2012		
		<i>Escherichia coli</i>	ISO 7251:2012		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
	Fresh bread	Enterobacteriaceae	ISO 21528-2: 2017		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
	Pastries, Sweet Breads, Stuffed Breads, Scones, Doughnuts, American Muffins, <i>Roti Buaya, kue Tambang</i>	The Total Number Of Plates	ISO 4833-1: 2015		
		Enterobacteriaceae	ISO 21528-2: 2017		
		Mold and yeast	SNI ISO 21527-2:2012		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
	Premix Cake	Enterobacteriaceae	ISO 21528-2: 2017		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
	Meat Floss	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
	Meat balls	Enterobacteriaceae	ISO 21528-2: 2017		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
		<i>Listeria monocytogenes</i>	ISO 11290-1:2017		
		<i>Vibrio cholerae</i>	ISO 21872-1: 2017		
		<i>Vibrio parahaemolyticus</i>	ISO 21872-1: 2017		
		<i>Campylobacter jejuni</i>	ISO 10272-1:2017		
	Meat, Poultry, Game Meat (Grounded, Processed, and Freezed)	<i>Yersinia enterocolitica</i>	ISO 10273:2017		
		The Total Number Of Plates	ISO 4833-1: 2015		
		Coliform	ISO 4831: 2012		
Enterobacteriaceae		ISO 21528-2: 2017			
Mold and yeast		SNI ISO 21527-2:2012			
<i>Escherichia coli</i>		ISO 7251:2012			
<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020			
<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018			
<i>L.monocytogenes</i>		ISO 11290-1:2017			
Shigella		ISO 21567: 2017			
Frozen Shrimp		<i>Escherichia coli</i>	ISO 16649-3: 2016		
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
	<i>Listeria monocytogenes</i>	ISO 11290-1:2017			

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Frozen Shrimp	<i>Vibrio cholerae</i>	ISO 21872-1: 2017	
		<i>Vibrio parahaemolyticus</i>	ISO 21872-1: 2017	
	Fish Balls, Dried Fish Balls, <i>Otak-Otak</i> , Steamed Fish Cake, Fish Dumplings, <i>Empek-Empek</i> , <i>Empek-empek Palembang</i> , Fish Sausage, Shrimp Sausage	The Total Number Of Plates	SNI 2332.3:2015	
		Enterobacteriaceae	ISO 21528-2: 2017	
		Mold and yeast	SNI 2332.7:2015	
		<i>Salmonella</i>	SNI 01-2332.2:2006	
		<i>Staphylococcus aureus</i>	SNI 2332.9:2015	
	Raw egg (whole)	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	Custard flour	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
	High Fructose Syrup/HFS, Molases, Invert sugar, High Fructose Glucose Syrup	The Total Number Of Plates	ISO 4833-1: 2015	
		Coliform	ISO 4831: 2012	
		Mold and yeast	SNI ISO 21527-2:2012	
		<i>Escherichia coli</i>	ISO 7251:2012	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
		Enterobacteriaceae	ISO 21528-2: 2017	
	Ground Pepper	<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		The Total Number Of Plates	ISO 4833-1: 2015	
	Spice and condiments	Enterobacteriaceae	ISO 21528-2: 2017	
		Mold and yeast	SNI ISO 21527-2:2012	
		<i>Clostridium perfringens</i>	ISO 7937:2012	
		<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		The Total Number Of Plates	ISO 4833-1: 2015	
	Instant Soup, Instant Pasta Soup (E.g. Instant Macaroni Soup), Instant Cream Soup, Instant Pasta Cream Soup (E.g. Instant Macaroni Cream Soup)	Coliform	ISO 4831: 2012	
		Enterobacteriaceae	ISO 21528-2: 2017	
		Mold and yeast	SNI ISO 21527-2:2012	
		<i>Clostridium perfringens</i>	ISO 7937:2012	
		<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
<i>Escherichia coli</i>		ISO 16649-2: 2016		
<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020		
<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018		
Enterobacteriaceae		ISO 21528-2: 2017		
<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020		
Mayonnaise	Enterobacteriaceae	ISO 21528-2: 2017		
	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date :	18 January 2021
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	Expiry date :	17 January 2026
	Phone. (0251) 7532384		1 st Amendment: 11 January 2023
	Email. adim@saraswanti.com		2 nd Amendment: 31 March 2023
			3 rd Amendmen : 21 December 2023

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Chemistry / Biology	Chili sauce	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018		
	Sweet soy sauce	Enterobacteriaceae	ISO 21528-2: 2017	
Infant Formula	Infant Formula	<i>Enterobacter sakazakii</i>	ISO 22964:2017	
		Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Bacillus cereus</i>	ISO 7932:2004/Amd 1 : 2020	
Formulated Meal Replacements, Formulated Supplementary Foods, Formulated Supplementary Sports Foods	Formulated Meal Replacements, Formulated Supplementary Foods, Formulated Supplementary Sports Foods	The Total Number Of Plates	ISO 4833-1: 2015	
		Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
Complementary feeding stuff	Complementary feeding stuff	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
Fruit juice	Fruit juice	<i>Alicyclobacillus spp.</i>	IFU Method No. 12:2007	
		<i>Vibrio cholerae</i>	ISO 21872-1: 2017	
		<i>Vibrio parahaemolyticus</i>	ISO 21872-1: 2017	
Carbonated Electrolyte Drink, Carbonated Hypotonic Drinks, Carbonated Isotonic Drink, Carbonated Hypertonic Drink, Carbonated Electrolyte Drinks Base, Carbonated Powder Drink, Formulated Caffeinated Beverages, Flavoured Beverages, Ginger Ale, Sarsaparilla, Root Beer, Birch Beer, Cream Soda, Citrus Drinks, Cola Drinks, Lemonade	Carbonated Electrolyte Drink, Carbonated Hypotonic Drinks, Carbonated Isotonic Drink, Carbonated Hypertonic Drink, Carbonated Electrolyte Drinks Base, Carbonated Powder Drink, Formulated Caffeinated Beverages, Flavoured Beverages, Ginger Ale, Sarsaparilla, Root Beer, Birch Beer, Cream Soda, Citrus Drinks, Cola Drinks, Lemonade	The Total Number Of Plates	ISO 4833-1: 2015	
		Coliform	ISO 9308-1:2014/Amd 1 : 2016	
		Mold and yeast	SNI ISO 21527-1:2012	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
Ready to Drink Tea	Ready to Drink Tea	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
Fruit Juice Drinks	Fruit Juice Drinks	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
		<i>Pseudomonas aeruginosa</i>	18-7-121/MU/SMM-SIG (Enumeration)	
Fruit flavored drinks	Fruit flavored drinks	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Vibrio cholerae</i>	ISO 21872-1: 2017	
		<i>Vibrio parahaemolyticus</i>	ISO 21872-1: 2017	
Isotonic drinks	Isotonic drinks	<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
Syrup	Syrup	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
Extruded Snacks	Extruded Snacks	Enterobacteriaceae	ISO 21528-2: 2017	
		<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018	
Flour Coated Peanut	Flour Coated Peanut	Enterobacteriaceae	ISO 21528-2: 2017	

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Flour Coated Peanut	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
	Soto	<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020		
		<i>Staphylococcus aureus</i>	ISO 6888-1:1999/Amd 2:2018		
		<i>Vibrio cholerae</i>	ISO 21872-1: 2017		
		<i>Vibrio parahaemolyticus</i>	ISO 21872-1: 2017		
		Cosmetic powder (powder)	<i>Escherichia coli</i>	ISO 21150:2015	
	Liquid Cosmetics (liquid, viscous liquid)	<i>Escherichia coli</i>	ISO 21150:2015		
	Solid Cosmetics (Lipstick)	<i>Escherichia coli</i>	ISO 21150:2015		
	Semi-solid cosmetics (creams, gels, pomades)	<i>Escherichia coli</i>	ISO 21150:2015		
	Medications (Syrups, Tablets, Ointments)	The Total Number Of Plates		USP 43-NF 38 <61> :2020	
		Molds and yeasts		USP 43-NF 38 <61> :2020	
		<i>Clostridium sp.</i>		USP 43-NF 38 <62> :2020	
		<i>Escherichia coli</i>		USP 43-NF 38 <62> :2020	
		<i>Salmonella</i>		USP 43-NF 38 <62> :2020	
		<i>Staphylococcus aureus</i>		USP 43-NF 38 <62> :2020	
	Medications (Syrups, Tablets, Ointments)	<i>Pseudomonas aeruginosa</i>		USP 43-NF 38 <62> :2020	
	Medicinal Syrup	Effectiveness Of Preservatives (<i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , <i>Candida albicans</i> , <i>Aspergillus brasiliensis</i>)		USP 43-NF 38 <51> :2020	
	Infusion Solution	Sterility Test		USP 43 NF 38 <71>:2020	
	Antibiotic Drugs (Injection form)	Sterility Test		USP 43 NF 38 <71>:2020	
	Drugs (Injection form)	Sterility Test		USP 43 NF 38 <71>:2020	
	Supplement Tablets	Kadar Vit. B12		18-7-188 / MU (Spectrophotometry)	
	Cream form	Potential Antibiotic Neomycin		USP 43 NF 38 <81> : 2020	
	Gel form	Potential Antibiotic Neomycin		USP 43 NF 38 <81> : 2020	
	Food Additive: Flavoring	<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020	
		<i>Staphylococcus aureus</i>		SNI ISO 6888-3:2012	
	Animal Feed	<i>Bacillus sp.</i>		BS EN 15784:2009	
		<i>Salmonella</i>		ISO 6579-1:2017/Amd 1:2020	
	Animal Feed	<i>Staphylococcus aureus</i>		ISO 6888-1:1999/Amd 2:2018	
	Antiseptic (Handsanitizer/Handrub)	Bactericidal Activity Test		SNI EN 1040:2005	
	Instrument disinfection	Bactericidal Activity Test		SNI EN 13727-2012+A2-2015 (2020)	
Fungicidal or Yeasticidal activity test			SNI EN 13624-2013 (2020)		

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Surface disinfection	Bactericidal Activity Test	SNI EN 13697-2015+A1-2019 (2020)		
		Bactericidal Activity Test	SNI EN 13727-2012+A2-2015 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 13624-2013 (2020)		
	Surface disinfection(clean condition)	Bactericidal Activity Test	SNI EN 1276-2019 (2020)		SNI EN 13697-2015+A1-2019 (2020)
		Bactericidal Activity Test	SNI EN 13697-2015+A1-2019 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 13697-2015+A1-2019 (2020)		
	Surface disinfection (Filthy condition)	Bactericidal Activity Test	SNI EN 1276-2019 (2020)		SNI EN 1650-2019 (2020)
		Bactericidal Activity Test	SNI EN 13697-2015+A1-2019 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 13697-2015+A1-2019 (2020)		
	Disinfectants for surfaces	Bactericidal Activity Test	SNI EN 1040:2005		AOAC Official Method 955.11:2021
		Phenol Coefficient			
	Handrub	Bactericidal Activity Test	SNI EN 1276-2019 (2020)		SNI EN 1500-2013 (2020)
		Bactericidal Activity Test	SNI EN 1500-2013 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 1650-2019 (2020)		
	Hygienic Handrub for medical field	Bactericidal Activity Test	SNI EN 13727-2012+A2-2015 (2020)		SNI EN 1500-2013 (2020)
		Bactericidal Activity Test	SNI EN 1500-2013 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 13624-2013 (2020)		
	Handrub for operating room	Bactericidal Activity Test	SNI EN 12791-2016+A1-2017 (2020)		SNI EN 13727-2012+A2-2015 (2020)
		Bactericidal Activity Test	SNI EN 13727-2012+A2-2015 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 13624-2013 (2020)		
	Handwash	Bactericidal Activity Test	SNI EN 1276-2019 (2020)		SNI EN 1499-2013 (2020)
		Bactericidal Activity Test	SNI EN 1499-2013 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 1650-2019 (2020)		
	Hygienic Handwash for medical field	Bactericidal Activity Test	SNI EN 13727-2012+A2-2015 (2020)		SNI EN 1499-2013 (2020)
		Bactericidal Activity Test	SNI EN 1499-2013 (2020)		
		Fungicidal or Yeasticidal activity test	SNI EN 13624-2013 (2020)		
Handwash for the operating room	Bactericidal Activity Test	SNI EN 12791-2016+A1-2017 (2020)	SNI EN 13727-2012+A2-2015 (2020)		
	Bactericidal Activity Test	SNI EN 13727-2012+A2-2015 (2020)			
	Fungicidal or Yeasticidal activity test	SNI EN 13624-2013 (2020)			
Products for cleaning on the spot	Bactericidal Activity Test	SNI EN 1276-2019 (2020)	SNI EN 1650-2019 (2020)		
	Fungicidal or Yeasticidal activity test	SNI EN 1650-2019 (2020)			

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java	
	Phone. (0251) 7532384	
	Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Chemistry / Biology	Hemodialysis Water	Endotoxin	USP 43-NF 38 <85> : 2020		
	WFI Water	Endotoxin	USP 43-NF 38 <85> : 2020		
	Basic dressing set	Sterility Test	USP 43 NF 38 <71>:2020		
	Wound sewing thread	Sterility Test	USP 43 NF 38 <71>:2020		
	Blood Transfusion Set		Endotoxin	USP 43 NF 38 <161>: 2020	
			Sterility Test	USP 43 NF 38 <71>:2020	
	Foley Catheter		Sterility Test	USP 43 NF 38 <71>:2020	
	Infusion set		Endotoxin	USP 43 NF 38 <161>: 2020	
			Sterility Test	USP 43 NF 38 <71>:2020	
	Syringe		Sterility Test	USP 43 NF 38 <71>:2020	
	Urine bag		Sterility Test	USP 43 NF 38 <71>:2020	
	Blood bag		Endotoxin	USP 43 NF 38 <161>: 2020	
	Blood bag		Sterility Test	USP 43 NF 38 <71>:2020	
	Sterile Gauze		Sterility Test	USP 43 NF 38 <71>:2020	
	Contact lenses		Sterility Test	USP 43 NF 38 <71>:2020	
	Surgical gloves		Sterility Test	USP 43 NF 38 <71>:2020	
	Infusion hose		Endotoxin	USP 43 NF 38 <161>: 2020	
			Sterility Test	USP 43 NF 38 <71>:2020	
	Suction Catheter with Thumb Control		Sterility Test	USP 43 NF 38 <71>:2020	
	Wing needle		Sterility Test	USP 43 NF 38 <71>:2020	
	Swab Test Equipment		The Total Number Of Plates	ISO 4833-1: 2015	
			Enterobacteriaceae	ISO 21528-2: 2017	
			Mold and yeast	SNI ISO 21527-1:2012	
			<i>Escherichia coli</i>	ISO 16649-2: 2016	
			<i>Salmonella</i>	ISO 6579-1:2017/Amd 1:2020	
			<i>L.monocytogenes</i>	ISO 11290-1:2017	
			Surface sampling	ISO 18593:2018	
	Wall contact Cup		Surface sampling	ISO 18593:2018	
	Products used in beverage and soft drink industry, dairy products, alcoholic beverages, products used in cosmetics and medicine manufacturing industry		Bactericidal Activity Test	SNI EN 1276-2019 (2020)	
			Fungicidal or Yeasticidal activity test	SNI EN 1650-2019 (2020)	
	Wet wipes		Antimicrobial Test	ISO 20743:2021	

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Name of Laboratory	PT Saraswanti Indo Genetech	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Electrical	Meat, Poultry, Game Meat (Grounded and Processed by Heat Treated)	Detection of bovine DNA	ISO/TS 20224-1:2020	
		Chicken DNA detection	ISO/TS 20224-4:2020	
	Hydrolised Vegetable Protein (HVP), Texturized Vegetable Protein (TVP)	Detection of bovine DNA	ISO/TS 20224-1:2020	
		Chicken DNA detection	ISO/TS 20224-4:2020	
	Semi-Solid Cosmetics (Creams, Gels, Pomades)	Meat authenticity (Porcine DNA Identification)	18-11-47/MU/SMM/SIG (PCR)	
	Electric Drill	Leakage Current	SNI IEC 60745-2-1: 2014 clause 13 SNI IEC 60745-1: 2015 clause 13.2 IEC 60745-2-1:2003, IDT clause 13 IEC 60745-1:2006-04, IDT clause 13.2	
			Protection against access to live parts	
	Electric Hair Vise	Leakage Current	SNI IEC 60335-2-23: 2010 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-23:2010, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
	Electric Hair Vise	Protection against access to live parts	SNI IEC 60335-2-23: 2010 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-23:2010, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Water Dispenser	Leakage Current	SNI IEC 60335-2-15: 2010 clause 13 SNI IEC 60335-2-24: 2011 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-15 Ed 5,2 2008-09, IDT clause 13 IEC 60335-2-24:2010, IDT Clause 13 IEC 60335-1:2010, MOD clause 13.2	
Protection against access to live parts			SNI IEC 60335-2-15: 2011 Clause 8 SNI IEC 60335-2-24: 2010 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-15 Ed 5,2 2008-09, IDT clause 8 IEC 60335-2-24:2010, IDT Clause 8 IEC 60335-1:2010, MOD clause 8	

This amendment to annex to laboratory certificate replaces the previous annex of certificate (amendment to annex of certificate LP-184-IDN, issued on 31 March 2023 to 17 January 2026)

AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

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Address	: Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	

Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks	
Electrical	Electric Chainsaw	Leakage Current	IEC 60745-2-20:2008 clause 13 IEC 60745-2-13:2009 clause 13 SNI IEC 60745-2-5: 2014 clause 13 SNI IEC 60745-2-11: 2016 clause 13 SNI IEC 60745-1: 2015 clause 13.2 IEC 60745-2-5:2010-07, IDT clause 13 IEC 60745-2-11:2003, IDT clause 13 IEC 60745-1:2006-04, IDT clause 13.2		
	Electric Chainsaw	Protection against access to live parts	IEC 60745-2-20:2008 clause 9 IEC 60745-2-13:2009 clause 9 SNI IEC 60745-2-5: 2014 Clause 9 SNI IEC 60745-2-11: 2016 Clause 9 SNI IEC 60745-1: 2015 Clause 9 IEC 60745-2-5:2010-07, IDT clause 9 IEC 60745-2-11:2003, IDT clause 9 IEC 60745-1:2006-04, IDT clause 9		
	Electric Grinding		Leakage Current	SNI IEC 60745-2-3: 2015 clause 13 SNI IEC 60745-1: 2015 clause 13.2 IEC 60745-2-3:2012, IDT clause 13 IEC 60745-1:2006-04, IDT clause 13.2	
			Protection against access to live parts	SNI IEC 60745-2-3: 2015 Clause 9 SNI IEC 60745-1: 2015 Clause 9 IEC 60745-2-3:2012, IDT clause 9 IEC 60745-1:2006-04, IDT clause 9	
	Electrical Portable Oven		Leakage Current	SNI IEC 60335-2-9: 2010 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-9:2008-07, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
			Protection against access to live parts	SNI IEC 60335-2-9: 2010 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-9:2008-07, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Blender		Leakage Current	SNI IEC 60335-2-14: 2011 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Electrical	Blender	Protection against access to live parts	SNI IEC 60335-2-14: 2011 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Electric Toaster	Leakage Current	SNI IEC 60335-2-9: 2010 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-9:2008-07, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-9: 2010 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-9:2008-07, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Electrical Food processor	Leakage Current	SNI IEC 60335-2-14: 2011 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-14: 2011 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Rice Cooker	Leakage Current	SNI IEC 60335-2-15: 2011 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-15: Ed 5.2 2008-09, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-15: 2011 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-15: Ed 5.2 2008-09, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Mixer	Leakage Current	SNI IEC 60335-2-14: 2011 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-14: 2011 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 8 IEC 60335-1:2010, MOD clause 8	

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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Electrical	Electric Shaver	Leakage Current	SNI IEC 60335-2-8: 2012 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-8:2008, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-8: 2012 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-8:2008, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Juicer	Leakage Current	SNI IEC 60335-2-14: 2011 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-14: 2011 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-14 Ed 5,2 2008-09, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Hair Dryer (Hair Dryer)	Leakage Current	SNI IEC 60335-2-23: 2010 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-23:2010, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-23: 2010 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-23:2010, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Vacuum Cleaner	Leakage Current	SNI IEC 60335-2-2: 2012 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-2:2009 clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-2: 2012 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-2:2009 clause 8 IEC 60335-1:2010, MOD clause 8	
	Electric Kettle	Leakage Current	SNI IEC 60335-2-15: 2011 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-15: Ed 5.2 2008-09, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	

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AMENDMENT TO ANNEX TO ACCREDITATION LABORATORY CERTIFICATE NO. LP-184-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

AMD 3

Name of Laboratory : PT Saraswanti Indo Genetech Address : Graha SIG, Jl. Rasamala No. 20, Taman Yasmin, Bogor, West Java Phone. (0251) 7532384 Email. adim@saraswanti.com	Issue date : 18 January 2021 Expiry date : 17 January 2026 1 st Amendment: 11 January 2023 2 nd Amendment: 31 March 2023 3 rd Amendmen : 21 December 2023
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Scope of Accreditation

Testing fields	Material or product to be tested	Type of testing or characteristic to be measured	Specification, test method, technique to be used	Remarks
Electrical	Electric Kettle	Protection against access to live parts	SNI IEC 60335-2-15: 2011 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-15: Ed 5.2 2008-09, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
	Microwave Oven	Leakage Current	SNI IEC 60335-2-25: 2010 clause 13 SNI 7859: 2013 clause 13.2 IEC 60335-2-25 Ed 5.2 2006-09, IDT clause 13 IEC 60335-1:2010, MOD clause 13.2	
		Protection against access to live parts	SNI IEC 60335-2-25: 2010 Clause 8 SNI 7859: 2013 Clause 8 IEC 60335-2-25 Ed 5.2 2006-09, IDT clause 8 IEC 60335-1:2010, MOD clause 8	
Chemistry	Medicinal Syrup	Ethylene Glycol	18-6-38/MU (GC-FID) Indonesian Pharmacopoeia Supplement II Edition VI, 2023	
		Diethylene Glycol	18-6-38/MU (GC-FID) Indonesian Pharmacopoeia Supplement II Edition VI, 2023	
	Sorbitol Solution	Ethylene Glycol	Indonesian Pharmacopoeia Supplement II Edition VI, 2023	
		Diethylene Glycol	Indonesian Pharmacopoeia Supplement II Edition VI, 2023	

Notes :

The field of electrical testing in materials or products tested encompasses C872 drills electric hair vise, dispensers, electric saws, electric grinders, portable electric ovens, pulverizers, toasters, electric food processors, rice cookers, mixers, electric shavers, pursuers, hair dryers, vacuum cleaners, electric teapots, and microwave furnaces as well as the type of test or measured properties, namely leakage current and protection against access to active parts refer to the requirements of PERMENDAG No. 26 of 2021.