



A MEMBER OF SARASWANTI

Saraswanti Indo Genetech Company Profile

www.siglaboratory.com





Foreword

ONE STOP LABORATORY SERVICES

PT Saraswanti Indo Genetech or SIG (Registration Number. LP-184-IDN) is a testing laboratory located in Bogor - Indonesia and is the first laboratory in Indonesia to be accredited with ISO / IEC 17025 by the National Accreditation Committee (KAN) for the scope of GMO (Genetically Modified Organisms).

As time passes, the need for lab testing services & support for academic researchers is increasing intensively, both in the industrial sector and governed solely to support the actualization of a safer & better place to live #towardsasaferworld.

As your Advanced Solutions Partner, SIG has state-of-the-art technologies and the most advanced scientific techniques for an excellent scientific-based solution, accurate, precise, and consistent in all products testing and development.

TESTING & SERVICE CATEGORIES

As one of independent research and testing laboratories in Indonesia, SIG is the right partner for all groups, both commercial institutions, educational institutions, research, and individual needs to entrust their testing to SIG, because SIG:

- Ensures the quality of test results with Quality Assurance
- Uses the latest technology and testing methods
- Is customer satisfaction oriented
- Provides research and development services
- Facilitates registration procedures
- Tests at competitive prices
- Serves Sampling and SWAB Tests
- Serves Free Sample Pick Up*

*terms & conditions apply



1. Food & Feed

- 3-MCPD & Glycidyl Ester (GE)
- Allergens
- Amino Acids Profile
- Animal DNA
- Antibiotics
- Antioxidant
- Benzo[a]pyrene
- Beta Agonist
- Colorants
- Contaminants
- Dioxin & PCB's
- Fatty Acids
- Fiber
- Fructans (FOS-Inulin) & GOS
- GMO & Biology Molecular
- Heavy Metal
- Histamine
- Microbiology
- Mineral & Elements
- Mycotoxins
- Nitrofurans
- Nutrition Facts
- Organic Acids
- Preservative
- Primary Aromatic Amines
- Residual Pesticides
- Residual Solvent
- Shelf Life
- Sugar & Sweetener
- Vitamins

15. Antimicrobial Resistance (AMR)

- Detecting and Quantifying Antibiotic Resistance Genes

2. Cosmetic & Personal Care

- 1,4 - Dioxane
- Acrylamide
- Corticosteroid
- Cosmetic Preservatives
- Dermatology
- Forbidden Dyes
- Heavy Metal
- Hydroquinone
- Retinoic Acid
- Stability

6. Efficacy

- Antihyperglycemia
- Antihyperuricemia
- Antiobesity
- Pain Relief

10. Medical Devices

- Bioburden
- Biocompatibility
- Sterility
- Pyrogens
- Chemistry and Physics

16. Textile & Electricity (KSL)

- Azo Compounds
- Current Leakage Test
- Extracted Heavy Metals
- Fire Resistant Chemicals
- Formaldehyde
- Phthalate Compounds
- Protection Test Against Touchable Active Parts
- Waterproof Chemicals

3. Pharmaceuticals & Traditional Drugs

- Disintegration
- Drug Chemicals
- Drug Ingredients
- Ethylene Glycol
- Diethylene Glycol
- Hardness
- Solubility
- Stability
- Trial & Method Validation

7. Swab Test

- Allergens
- Hygienity
- Microbiology

11. Pesticides

- Efficacy
- Quality
- Residual Pesticides
- Sampling for Pesticides Product
- Sensitization
- Toxicity

17. Antiseptic & Disinfectant

- Antimicrobial Test (Inhibition Zone/Disc)
- Antimicrobial Test AOAC/EN Method
- Antimicrobial Test for Wet Wipe Products
- Antimicrobial Test with Regards to Different Applications
- Disinfectant Testing Against Salmonella typhi (Phenol Coefficient Method)
- Effectiveness Testing of Microbial Mortality in UV Lamp Products
- Virucidal Activity

4. Toxicity

- Chronic Oral Toxicity
- Dermal Acute Irritation
- Eye Irritation
- LC50 (Artemia)
- Oral & Dermal Acute Toxicity
- Oral & Dermal Subchronic Toxicity
- Teratogenicity
- Vaginal Mucous Irritation

8. Food Packaging

- Heavy Metal Migration
- Specific Migration
- Total Migration

12. Toys

- Azo Dyes
- Elements Migration
- Formaldehyde
- Phthalate
- Physics, Mechanics, Flammability

5. Substance of Concern for Automotive Parts

- Asbestos
- Dimethylfumarate (DMF)
- Heavy Metal
- Hexavalent Chromium
- PBBs, PBDEs, and HBCDD
- PFOS

9. Medical Mask (EN 14683:2019 Method)

- Bacterial Filtration Efficiency (BFE)
- Differential Pressure
- Microbial Cleanliness / Bioburden

13. Research for Academic Purposes

14. Screening of Unknown Compounds Using Advanced Technology Such as LCMS Qtof & GCMSMS

18. BY SIG LABORATORY

- Ready To Use Media - Agar
- Ready To Use Media - Broth
- SWAB Test Kit

19. PROFICIENCY TESTING

- Proficiency Test Provider

RECOGNITIONS & DESIGNATIONS

PT Saraswanti Indo Genetech or SIG (registration number LP-184-IDN) is regularly accredited by the National Accreditation Committee for the scope of the category of testing laboratories according to ISO / IEC 17025: 2017 so that the quality of testing and test results is always maintained.

Along with SIG's determination to strengthen its existence as part of a global network #towardsasafeworld, SIG has successfully received its first GMP+ FSA International (Good Manufacturing Practice System, Feed Safety Assurance) certification for the scope of feed raw materials with registration number GMP057485.



Hi-Tech Instrument

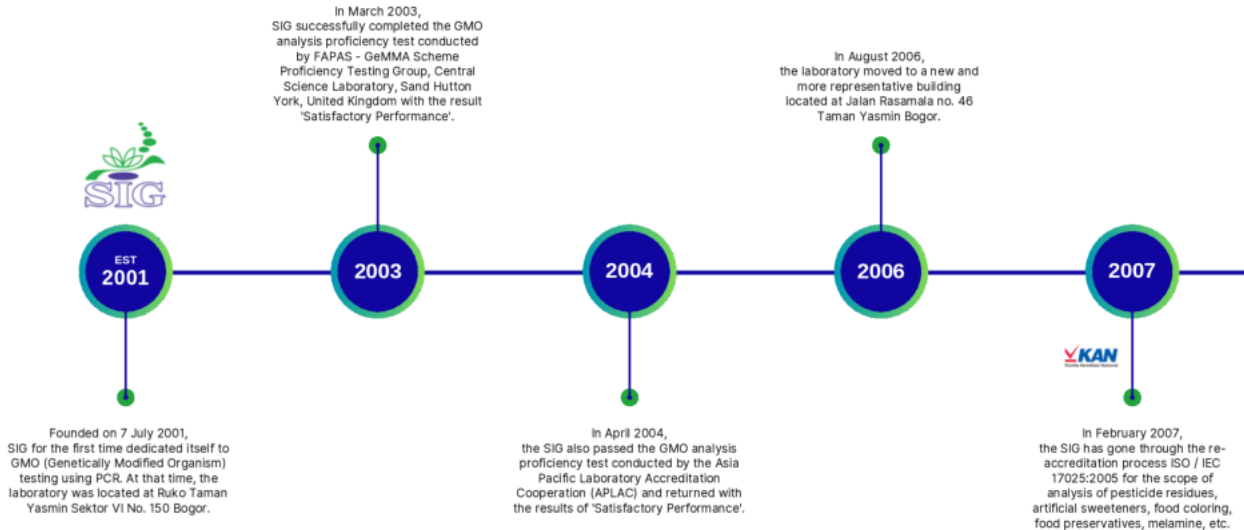
Our service is fully supplied by the best instrument and technologies.

- ELISA
- H/UPLC
- LC MS/MS
- LC MS QToF
- GC MS/MS
- GC Head Space
- GC MS Cryogenic Inlet
- Climatic Chamber
- Pharmaceuticals Aparatus
- Ion Chromatography
- AAS
- Spectrophotometer
- ICP OES
- ICP MS
- LC ICP MS
- FT-IR
- PCR / Realtime PCR
- BFE & DP Analyzer
- Hematology Analyzer
- Biochemical Analyzer



CORPORATE MILESTONE

PT Saraswanti Indo Genetech Bogor is a collaboration between PT. Saraswanti Anugerah Makmur Surabaya and the Indonesian Center for Biodiversity and Biotechnology (ICBB) Bogor Foundation. PT Saraswanti Indo Genetech Bogor is a subsidiary of the Saraswanti Group.





2011 moved to the Graha SIG building Jl. Rasamala no. 20 May 2011, a re-accreditation process was carried out by the National Accreditation Committee (KAN) based on ISO / IEC 17025:2005 with the addition of the scope of accreditation, including analysis of pesticide residue analysis tests, artificial sweeteners, food coloring, food preservatives, melamine, etc.



2020 expand to a new 11-floor building, Tower B.



SIG continues to improve the quality of its services to be closer to its customers and expand its marketing network. This laboratory with the motto One Stop Laboratory Service opens a marketing and sales office in Jakarta.



In January 2021, SIG rebrand their image, focusing their vision as a laboratory that supports product safety, with a new tagline **'Towards a safer world'** and get ISO/IEC 17025: 2017 accreditation.

In 2022, SIG launch ready-to-use microbiological growing media products (RTU media) with the brand essential by sig laboratory and performed proficiency tests under the name SIG Proficiency Testing which has been accredited by SNI ISO 17043 with registration number PUP-042-IDN



In 2023, SIG successfully received its first GMP+ FSA International (Good Manufacturing Practice System, Feed Safety Assurance) certification for feed products with registration number GMP057485.



CORPORATE VISION AND MISSION

Our Corporate Vision:

- Becoming a credible ONE STOP LABORATORY SERVICES who can devote himself to the future and prosperity of Indonesia.
- Becoming an analytical laboratory with qualified competencies and accurate, precise and fast analysis results.

Our Corporate Mission:

- Customer satisfaction oriented.
- Applying good professional practice.
- Applying the work principle "right from the start" according to the quality management system ISO / IEC 17025:2017 and increasing the effectiveness of the quality management system in a sustainable manner.



Our Commitment

Towards a safer world

As an accredited laboratory, SIG is committed to playing an active role in supporting the creation of a safer world by producing accurate and reliable product test analysis data. With more than a decade of experience and supported by experts in their fields and modern equipment, SIG testing and research results are expected to be of benefit to all people, from individuals, businesses, to government regulatory policies.

**WE ARE HERE TO MAKE
THE WORLD A BETTER,
SAFER AND MORE
SUSTAINABLE PLACE**







SARASWANTI

TESTING, INSPECTION, AND CERTIFICATION

SIG

PT SARASWANTI INDO GENETECH

Products Laboratory Testing,
Proficiency Testing Provider,
and Ready To Use Media

AAS

PT ANUGRAH ANALISIS SEMPURNA

Environmental,
Industrial Hygiene, and
Calibration Laboratory

AGS

PT ANUGERAH GLOBAL SUPERINTENDING

Audit, Inspection,
Certification, and
Training Services

ASHA

PT ANUGERAH SARANA HAYATI

Agro Chemicals
(Produce High Quality
Bio-based Insecticides,
Fungicides, and Fertilizers)

ARBIO

PT ANUGERAH REKAYASA BIOTEKNIKA

Public Health and
Genomic Services

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When customers intend to register their products at the authorities or in terms of internal quality control,
The presence of SIG can be meaningful.



ACCREDITED AND CERTIFIED BY:

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