

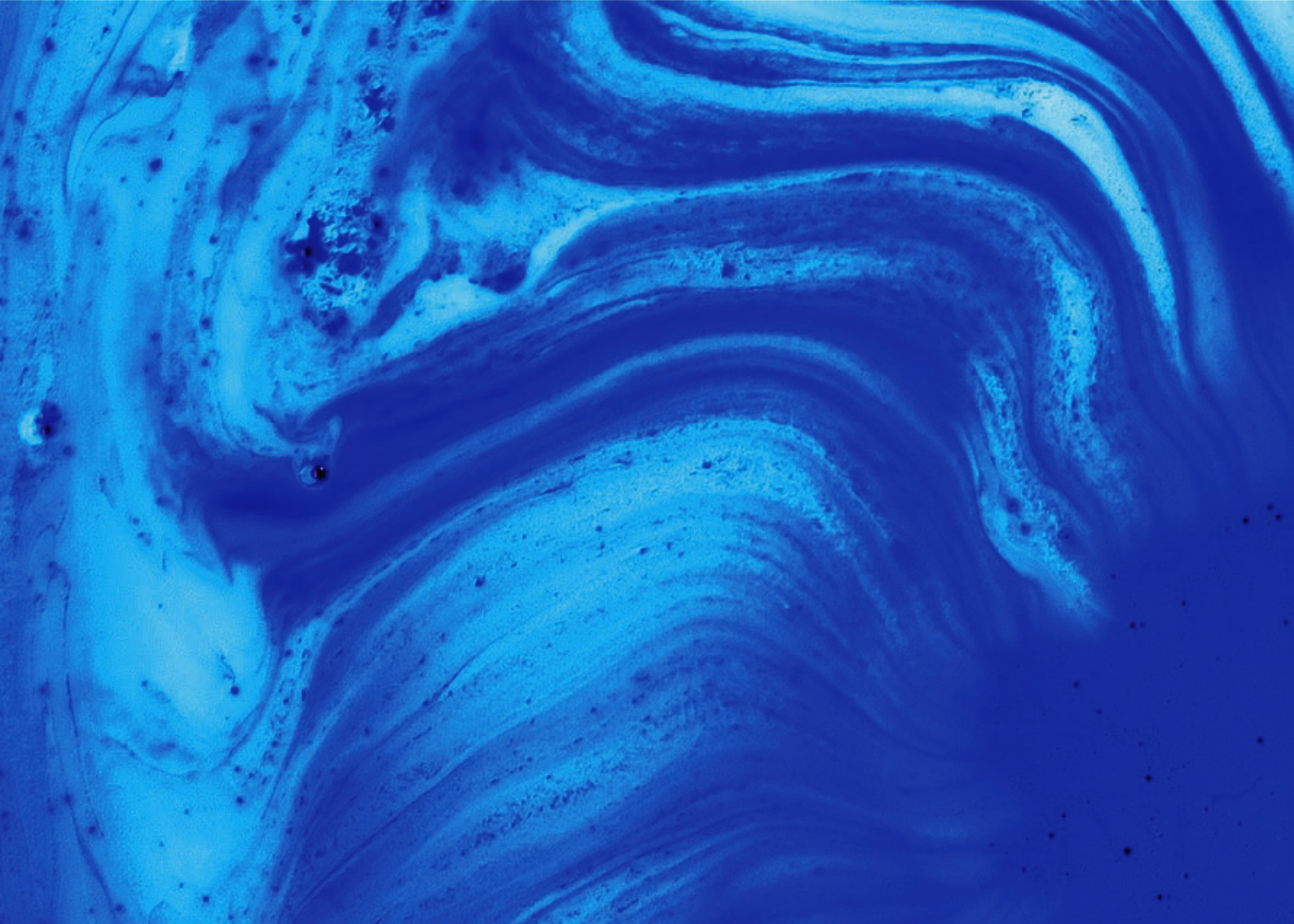


A MEMBER OF SARASWANTI

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 [#towardsasafeworld](#).

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.

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

• Laboratory Services

TESTING & SERVICE CATEGORIES

As one of the largest 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:

- Ensuring the quality of test results with Quality Assurance
- Using the latest technology and testing methods
- Customer satisfaction oriented
- Providing research and development services
- Facilitating registration procedures
- Testing at competitive prices
- Serving Sampling and SWAB Tests
- Serving Free Sample Pick Up*



1. Food & Feed

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

15. Antimicrobial Resistance (AMR)

- Detecting and Quantifying Antibiotic Resistance Genes

2. Beauty & Personal Care

- Hydroquinone
- Heavy Metal
- 1.4 - Dioxane
- Retinoic Acid
- Product Stability
- Forbidden Dyes
- Cosmetic Preservatives
- Corticosteroid

6. Efficacy Tests

- Antiobesity
- Antihyperuricemia
- Antihyperglycemia
- Pain Relief Test

10. Medical Devices

- Sterility
- Bioburden
- Endotoxin
- Absorption
- Fluorescence

16. Textile & Electricity (K3L)

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

3. Pharmaceuticals & Traditional Drugs

- Solubility Test
- Hardness Test
- Disintegration Test
- Drug Authenticity
- Drug Ingredients
- Product Stability
- Ethylene Glycol & Diethylene Glycol
- Trial & Method Validation

7. SWAB Tests

- Allergens
- Hygienity
- Microbiology

11. Pesticides

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

17. Antiseptic & Disinfectant

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

4. Toxicity Tests

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

8. Food Packaging

- Total Migration
- Specific Migration
- Heavy Metal Migration

12. Physical & Chemical Tests for Toys

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

5. Substance of Concern for Automotive Parts

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

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. essentials by SIG Laboratory

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

19. PERFORMANCE ASSESSMENT SERVICES FOR CONFIDENCY OF ANALYTICAL LABORATORY

- Proficiency Test Provider

• Accredited, Certification, & Alliance

ACCREDITED, CERTIFIED, & ALLIANCE

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 using the best machines 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

AAS

Spectrophotometer

ICP OES

ICP MS

LC ICP MS

PCR / Real Time PCR

BFE & DP Analyzer

Hematology Analyzer

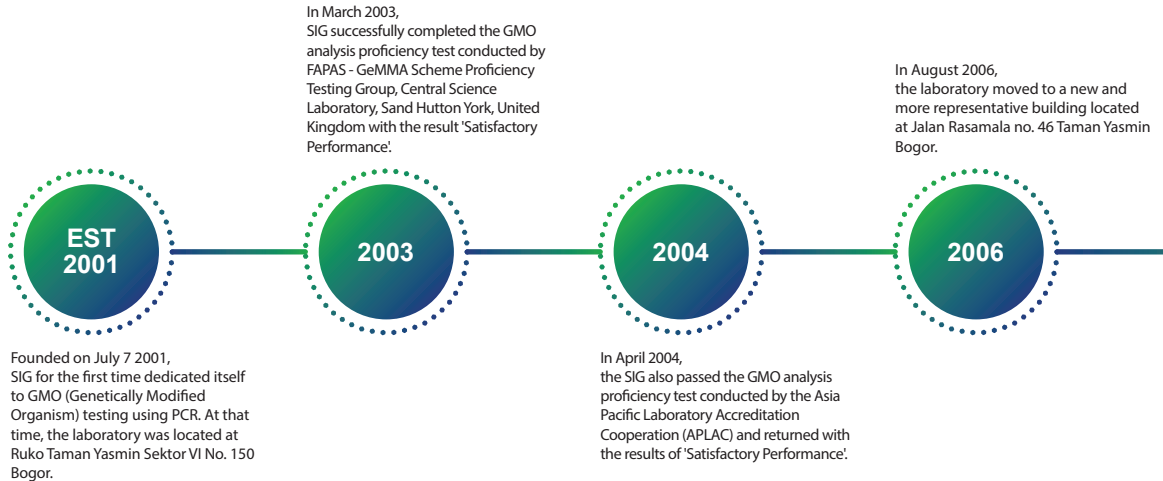
Biochemical Analyzer



• Corporate Milestone

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
A MEMBER OF SARASWANTI

2007

In February 2007,
the SIG has gone through th
re-accreditation process ISO / IEC
17025:2005 for the scope of analysis
of pesticide residues, artificial
sweeteners, food coloring, food
preservatives, melamine, etc.

2011

2017

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.

2020

2021

In January 2021, SIG conducted a
rebranding, focusing its vision as a
laboratory that supports product safety,
with a new tagline, 'Towards a safer world'
and accreditation ISO / IEC 17025:2017.

- About SIG

CORPORATE VISION & 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.

Commissioners, Directors, and Shareholders of PT Saraswanti Indo Genetech

Ir. Noegroho Hari Hardono

President Commissioner

Ir. H. Yahya Taufik

Commissioner

Dr. Soeryo Adiwibowo, M.Sc

Commissioner

Prof. Dr. Ir. Dwi Andreas Santosa

Commissioner

Dr. Ir. M. Edi Premono

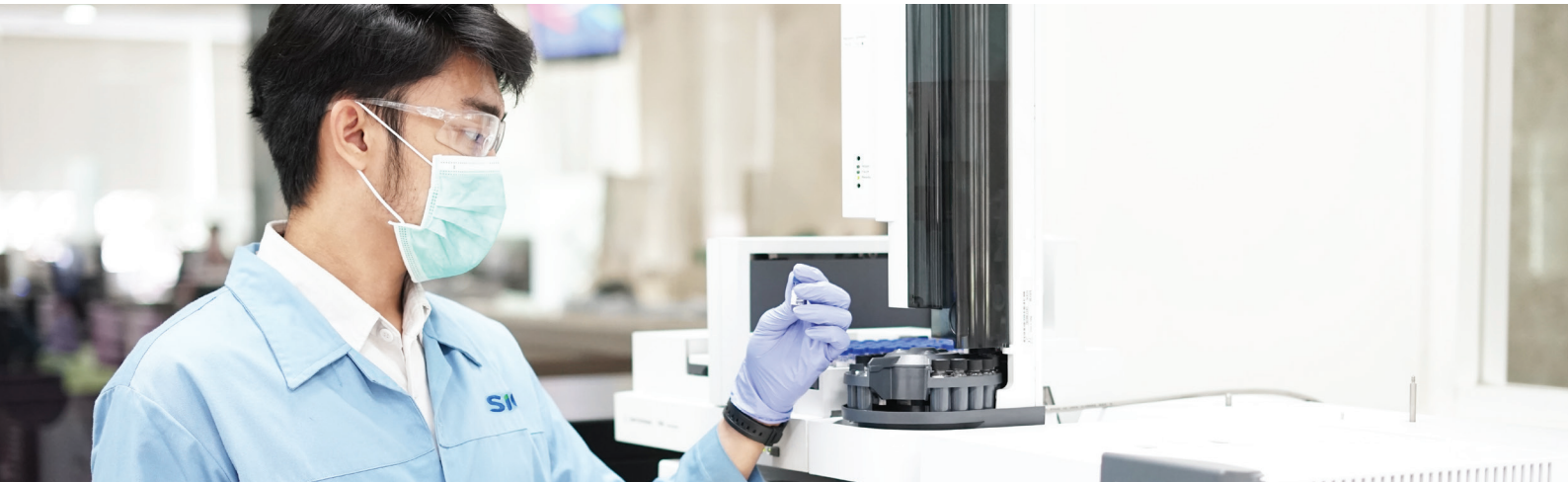
President Director

Ir. J.K. Kristiyono

Director

Adinugroho Kristiawan, S.T.

Director





- Our Commitement

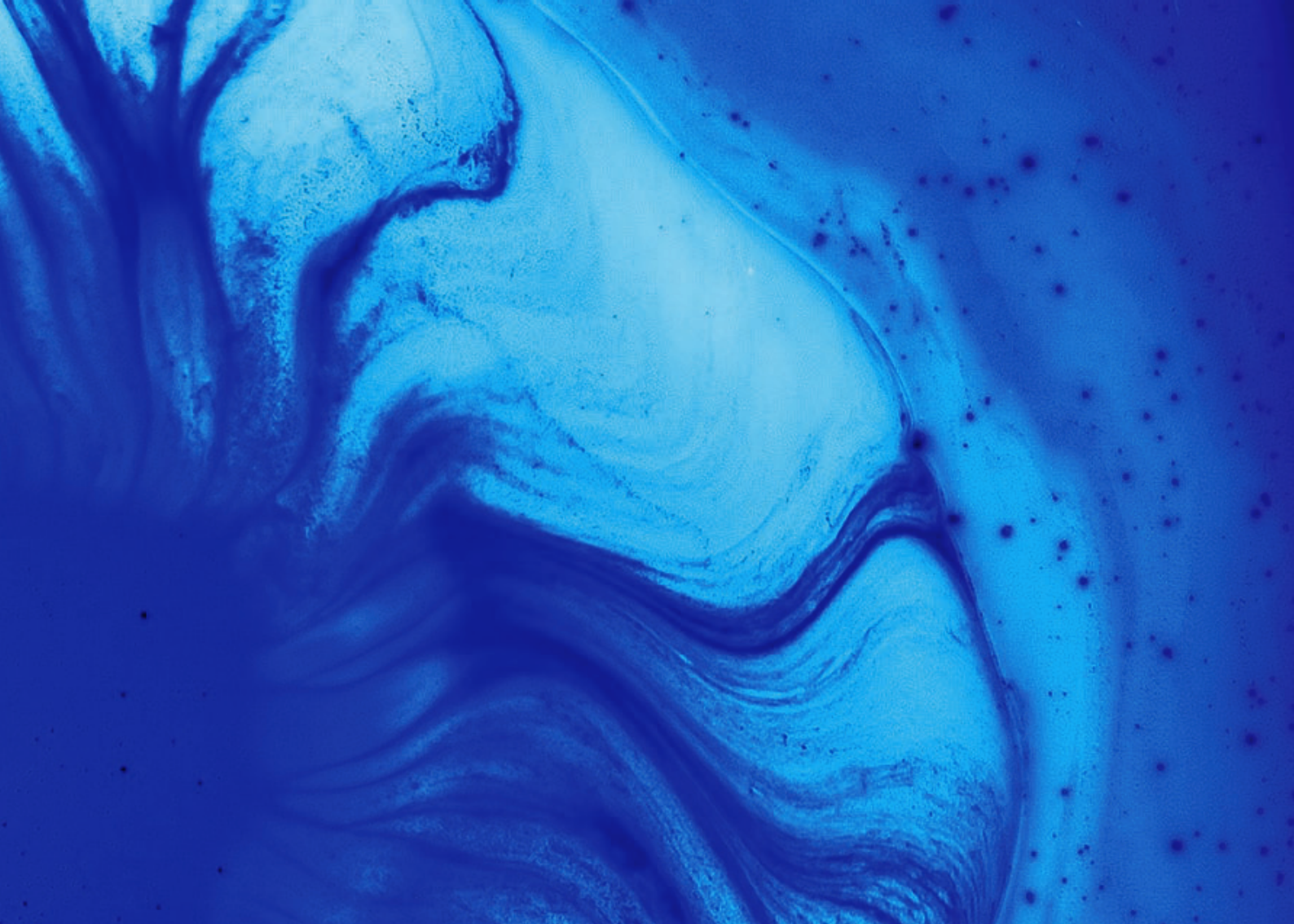
Towards a safer world

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







ACCREDITED & CERTIFIED BY:



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Hotline. +62 82 111 516 516

Email. marketing-sig@saraswanti.com

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SIG Medan:

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Instagram, LinkedIn, YouTube: [SIG Laboratory](#)

www.siglaboratory.com