



SIG LABORATORY

ONE STOP LABORATORY SERVICES

COMPANY PROFILE

Foreword

The existence of a credible analytical lab is very much needed to support a product that must meet a certain standard. The process of producing a high quality and excellent end product is influenced by many factors such as the quality and the supply of raw materials, technology of the production process, competence of the human resource, and the ability to maintain hygiene of the process, etc.

For consumer goods, the production process has to comply with HACCP (Hazard Analysis and Critical Control Point) system and a good management of production process. From the entire process, there is a crucial point, the quality control, one of which can be seen in the result of analysis from a laboratory. Therefore, support from a credible laboratory can be a necessity to achieve a good quality end product.

PT. Saraswanti Indo Genetech (registration no. LP-184-IDN), a food safety analysis laboratory, located in Bogor West Java, is the first Indonesian lab to be accredited by the National Accreditation Committee (KAN) for the scope of GMO (Genetically Modified Organism). To satisfy our precious customers, PT. Saraswanti Indo Genetech Laboratory have upgraded the competence by broadening the scope of accreditation to food safety sector such as microbiology testing, vitamin, fatty acid, heavy metal, pesticide residue, proximate, food additive, amino acid, and nutrition fact testing along with other food safety analysis. When customers intend to register their products at BPOM or in terms of quality control for their internal use, the presence of PT. Saraswanti Indo Genetech Laboratory can be meaningful.

We hope this company profile can be an effective media to initiate a wider and mutual beneficial partnership with your company.

Y.N. Hari Hardono
President Commissioner



Testing & Analysis Services



GMO: qualitative and quantitative.

PESTICIDE RESIDUE: categories of Organochlorine, Organophosphat, Carbamate, Pyrethroid, maleic hydrazide, diquat, Glufosinate-ammonium, chlormerquat, Ethephon, etc.

MICROBE CONTAMINATION: TPC, Coliform, E. Coli, P. Aeruginosa, Salmonella, Shigella, Vibrio sp, Clostridium sp, Bacillus sp, Lactobacillus sp, Swab Test, legionella (air conditioner/cooling tower/hot water) etc.

VITAMIN: Vitamins A, B1, B2, B3 (Niacin), B5 (Pantothenate), B6, B9 (Folic Acid), B12, C, D, E (Alpha Tocopherol), K, Biotin, Inositol, Kolin, Beta Carotene.

HEAVY METALS AND MINERALS: Pb, Cu, Hg, As, Ca, Mg, Na, K, Zn, Fe, Se, Sn, Cd, Al, Cr, Ba, Mo, Co, Ni, Sb, Mn, CN (Cyanide), Ammonium, NaCl, Iodine, etc.

FAT AND OIL: Fatty Acid Composition, Saturated and Unsaturated Fat, Omega 3, 6, 9, AA (EPA) DHA, Trans Fatty Acid, Free Fatty Acid, Cholesterol, Melting Point, Cloud Point, Acidity, etc.

AMINO ACID: 17 kinds of Amino Acid, Tryptophan, Taurine, L- Carnitine, L-Glutamine, MSG

PROXIMATE: Moisture, Ash Content, Protein, Fat, Carbohydrate, Energy, AW Meter.

ANTIOXIDANT: BHA, BHT, TBHQ, Ascorbic Palmitate.

MYCOTOXINS: Aflatoxin (B1, B2, G1, G2, M1 and Total Aflatoxin), Ochratoxin, DON (Vomitoxin / deoxynivalenol).

ANALYSIS OF WATER: Turbidity, Hardness, Total Solid, mineral anion-cation, etc.

FOOD COLORING: Sunset Yellow, Brown HT, brilliant Blue, Tartrazine, Carmoizine, Annato, Sudan Red, Metanil Yellow, Rhodamin B, Ponceau 4R, etc.

ALCOHOL: Ethanol and Methanol, CO₂, Sulfite Residue.

MELAMINE.

HISTAMINE.

ISOFLAVONE.

HALAL TESTING.

NUTRITION FACTS TESTING.

METHOD VALIDATION, STABILITY TEST, ASLT.

ANTIBIOTICS: Tetracycline (Tetracycline HCL, Oxytetracycline, Chlortetracycline), Penicillin, SpyrAMYcin, Chloramphenicol.

SWEETENERS: Aspartame, Acesulfame, Cyclamate, Saccharine, Sorbitol, Maltitol, Xylitol, etc.

PRESERVATIVES: Sodium Benzoate, Potassium Sorbate, Parahydroxibenzoate (Methyl parahydroxybenzoate), propionic acids, Formalin, boric acid/borax.

CARBOHYDRATE: Starch, Total Sugar, Sucrose (Saccharose), Reduction Sugar, Glucose, Fructose, Lactose, Maltose, Brix.

FIBER: Crude Fiber, Dietary Fiber, Soluble and Insoluble Fiber, Inulin, FOS, GOS.

ORGANIC ACID: Acetic Acid, Citric Acid, lactic Acid, Oxalic Acid, Formic, Succinic Acid, Malic Acid, Citrate, Lactate, etc.

COFFEE & TEA: Caffeine, Theina, Tannin, Cathecin, Polyphenol, EGCG.

COSMETIC AND DRUGS: color (Rhodamine B & Metanil yellow), Hydroquinone, Corticosteroids (Hydrocortisone-acetic, Dexamethasone, Betamethasone), preservatives (1.2-phenoxyethanol, methyl - ethyl - propyl - butyl paraben), Antalgine/Methampyron, Acetosal (Aspirin), Dextromethorphan HBr, Papaverine HCl, Phenylpropanolamine HCl, sildenafil citrate, Opium, Morphine, etc.

AGRICULTURAL, FISHERY, AND OTHER FOOD SAFETY PRODUCTS TESTING.

ACCREDITED TESTING & ANALYSIS LABORATORY
SNI ISO/IEC 17025: 2008

About PT. SIG

Vision:

- A credible ONE STOP LABORATORY SERVICES which can devote itself for the future and welfare of Indonesia.
- An analytical laboratory with qualified competence and with accurate and precise result of analysis.

Mission:

- Customer satisfaction oriented.
- Applying Good Professional Practice.
- Applying "Correct from the beginning" working principle according to SNI ISO/IEC 17025: 2008 Quality Management System and an effective system of Quality Management System continuously.

Board of Commissioners:

Ir. Y.N. Hari Hardono | President Commissioner
Dr. Ir. Soeryo Adiwibowo | Commissioner
Dr. Ir. M. Edi Premono | Commissioner
Dr. Ir. Dwi Andreas Santosa | Commissioner

Board of Directors:

Ir. H. Yahya Taufik | President Director
Ir. J.K. Kristiyono | Director
Adinugroho K. Santosa, ST. | Director



History

PT. Saraswanti Indo Genetech is a subsidiary of Saraswanti Group which headquarters in Surabaya. Other subsidiaries of the group are several fertilizer manufacturer, palm plantation, paper coating, trading and also property businesses.

Established on July 7th 2001, PT. Saraswanti Indo Genetech firstly dedicated it self in GMO (Genetically Modified Organism) testing and bacteria identification testing using PCR. At that time, the lab was located at Ruko Taman Yasmin Sektor VI No. 150 Bogor.

” PT. Saraswanti Indo Genetech was the first laboratory in Indonesia to be accredited by the Indonesian Accreditation Committee (KAN) for the scope of qualitative and quantitative GMO (Genetically Modified Organism) testing.

To deliver a qualified result of analysis to the customers, PT. Saraswanti Indo Genetech applied the Quality Management System based on ISO/IEC 17025 : 2000. It was the first laboratory in Indonesia to be accredited by the Indonesian Accreditation Committee (KAN) for the scope of qualitative and quantitative GMO testing. The company tag line then was 'The First Indonesian Molecular Biotechnology Company'.

PT. Saraswanti Indo Genetech have also participated in proficiency testing in several domestic and international institutions. In March 2003, PT. Saraswanti Indo Genetech succeeded a GMO analysis proficiency test held by FAPAS-GeMMA Scheme Proficiency Testing Group, Central Science Laboratory, Sand Hutton York, United Kingdom with 'Satisfactory Performance' result. Furthermore, in April 2004, PT. Saraswanti Indo Genetech also passed a GMO analysis proficiency testing held by Asia Pacific Laboratory Accreditation Cooperation (APLAC) and again with 'Satisfactory Performance' result.



Our experts help you ensure that your food safety and quality programs deliver the critical information you need to continually improve your process controls. We assist you to meet and help you develop effective contingency planning for governmental regulatory requirements.

In August 2006, the lab moved to a new and more representative building located at Jalan Rasamala no. 46 Taman Yasmin Bogor. On February 8th – 9th 2007, PT. Saraswanti Indo Genetech went through the re-accreditation process of ISO /IEC 17025 : 2005 for the scope of pesticide residue analysis, artificial sweetener, food coloring, food preservatives, melamine, etc.

In accordance with the market demand for a more complete, faster and more qualified testing, PT Saraswanti moved to a 6-floor building with a total area of 4000 square meters at Jalan Rasamala No. 20 Taman Yasmin Bogor, in September 2011.

On May 20th – 21st 2011 PT Saraswanti Indo Genetech went through the re-accreditation process of SNI ISO/IEC 17025 : 2008 for the scope of pesticide residue analysis, Amino acids, Glucose, Fructose, Lactose, Sucrose, Nitrate, Nitrite, Sulfate, artificial sweetener, food coloring, food preservatives, Iodine Value, Free fatty acid (Palmitic acid), Moisture, Impurity, Cafein (anhydrate), Ash Alkalinity, Coffee extract, Moisture, Ash, Metal Impurities: Lead (Pb), Copper (Cu), Zinc (Zn), and Microbiology analysis.

On August 15th – 16th 2013, PT Saraswanti Indo Genetech went through another assessment for broader pesticide residue analysis and other testing. Metal contaminant such as Arsenic (As) Cadmium (Cd) and Mercury (Hg), Phosphorus, Selenium (Se), Boron (B), Free Fatty Acid, Proximate Analysis, Chloride, Microbiology Analysis, etc.



Our service is fully supplied using the best machines and technologies.



Komite Akreditasi Nasional
LABORATORIUM PENGUJI | LP-184-IDN

**FREE SAMPLE PICK-UP
REPORT DELIVERY SERVICE**

* TERM & CONDITION APPLY



PT. SARASWANTI INDO GENETECH
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