

ABOUT US

OUR MISSION

Deliver values to stakeholders

OUR VALUE

Integrity
Independence
Innovation

Laboratorium PT Tigaraksa Satria Tbk memiliki 4 fasilitas pengujian :

- Mikroboilogi
- Kimia
- Fisika
- In Process Control

Berpengalaman dalam pengujian sampel :

BAHAN BAKU :
Susu bubuk (skim, full cream, butter milk), whey protein, gula, coklat bubuk, krimer, maltodekstrin, perisa / flavour, premix mineral, premix vitamin, inulin (serat pangan).

BAHAN KEMAS :
Roll aluminium foil, roll laminate, folding box, carton box.

PRODUK JADI :
Susu bubuk tinggi kalsium, susu bubuk tinggi protein, susu bubuk rendah lemak, susu ibu hamil, susu ibu menyusui, susu pertumbuhan, minuman serbuk (coklat, Thai tea, green tea, coffee latte), gula halus, gula semut, dan aneka olahan pangan lainnya.

MONITORING KEBERSIHAN :
Swab permesinan, peralatan pendukung, personal hygiena dan lingkungan.

OUR CLIENTS

DANONE ONE PLANET. ONE HEALTH
Garudafood
SOHO Global Health
matcha mu
Dexa Medica
Expertise for the Promotion of Health
KALBE
WRP
TEMPO SCAN
Fonterra Dairy for life
nutrifood inspiring a nutritious life
BIG TREE FARMS

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Metode termutakhir dan terverifikasi



Analis kompeten (tersertifikasi BNSP)



Jaminan mutu tertulusur (kultur murni & CRM)



Peralatan terkalibrasi

Kami memberikan solusi pengujian yang cepat, akurat & kompetitif

" .... in business, choosing the right partner is the perfect goal (Richard Branson, 2009) "

CONTACT US

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TIGARAKSA SATRIA
ALWAYS AHEAD





KAN
Komite Akreditasi Nasional
LP-656-IDN



Laboratorium PT Tigaraksa Satria Tbk

SOLUSI PILIHAN TERBAIK

UNTUK SEGALA PERMINTAAN PENGUJIAN SAMPEL

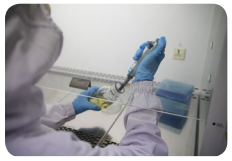
Mengapa memilih kami?

- Terakreditasi SNI ISO/IEC 17025:2017
- Memiliki analis kompeten dan tersertifikasi BNSP
- Menggunakan metode baku dan termutakhir (SNI & ISO)
- Tertelusur ke satuan internasional (kalibrasi peralatan, uji profisiensi, kultur murni & CRM)
- Hasil pengujian akurat dan tepat waktu
- Berpengalaman di industri pengolahan pangan
- Harga kompetitif

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LABORATORIUM MIKROBIOLOGI


Pathogenic

Salmonella
Ref. ISO 6579:2017 (E)

Enterobacteriaceae
Ref. ISO 21528-2-2017 (Quantitative)
Ref. ISO 21528-1-2017 (Qualitative)

S. aureus
Ref. ISO 6888-1:2021

E. coli
Ref. SNI ISO 7251:2012

Bacillus cereus
Ref. SNI ISO 7932:2012

Non Pathogenic

Mould & Yeast
Ref. ISO 6611:2004 (E) & FDA BAM April 2001 Chapter 18

Total Plate Count
Ref. SNI ISO 4833-1:2015

Coliform (MPN)
Ref. SNI ISO 4831:2012

Support by

ATCC Bacteriology Collection

Culture medium (Merck, Oxoid, etc)

Calibrated Equipment

LABORATORIUM IN PROCESS CONTROL

- Foreign Matter
- Net Weight
- Residual Oxygen Content
- Leakage
- Moisture (rapid method)





LABORATORIUM KIMIA & FISIKA



Proximate

Moisture
Ref. SNI 2970-2015 butir A.3
Protein
Ref. SNI 2970-2022 butir A.4
Ash
Ref. SNI 01-2891-1992 butir 6.1
Fat
Ref. SNI 01-2891-1992 butir 8.2

Sensory Test

Color & Odor Taste Appearance
Ref SNI 2970-2022 butir A.2

Other

Acidity, Calcium & Vitamin C
(Titrimetri)

Solubility Index & Sediment Test
(Ref. GEA Niro)

Solubility, Metal, Foreign Matter & Insect Fragment
(Visual Inspection)
pH
Ref. SNI 01-2891-1992 butir 16

BAHAN KEMAS



Film Roll for Food Packaging (Laminated or Alufoil)
Type, Color, Size, Thickness, Gramature, Pin Hole



Carton Box :
Color, Cutting, Creasing, Stiffness, Flute, Dimension, Thickness, Gramature, Gluing



Folding Box :
Typography, Color, Emboss, Varnish, Die Cut, Perforation, Creasing, Cleanness, Dimension, Fold & Paper Thickness, Gramature, Gluing, Barcode, MD Number

PARAMETER ANALISA & BIAYA

LABORATORIUM KIMIA FISIKA

Parameter	Biaya Analisa (Rp)	Metode Analisa
Moisture*	30,000.00	Gravimetri - IM-KIM 43
Moisture*	30,000.00	Rapid Gravimetri - IM-KIM 02
Fat*	110,000.00	WEIBULL _ SNI 01-2891-1992 butir 8.2
Protein*	70,000.00	KJELDAHL - SNI 2970-2022 butir A.4
Ash*	50,000.00	GRAVIMETRI - SNI 01-2891-1992 butir 6.1
Proximate (full parameters)	278,000.00	(Moisture, Fat, Protein, Ash, Carbohydrate by difference)
Vitamin C*	165,000.00	Titrimetri - IM KIM 06
Acidity	45,000.00	Inhouse Method
pH*	30,000.00	pH Meter - SNI 01-2891-1992 butir 16
Organoleptik	30,000.00	Sensory Evalution - SNI 2970 : 2022 butir A.2
Kelarutan	20,000.00	Visual Inspection - IM-KIM 13
Floaters/Sinkers	20,000.00	Visual Inspection - IM-KIM 12
Index Kelarutan	20,000.00	GEA Niro - IM-KIM 14
Bulk Density	20,000.00	Tapped Density Tester - IM-KIM 28

LABORATORIUM KIMIA FISIKA

Parameter	Biaya Analisa (Rp)	Metode Analisa
Sediment Test	35,000.00	GEA Niro Method No. A 4 a
Metal Test	35,000.00	Visual Inspection - IM-KIM 16
Analisa Gula, meliputi: Gula Pereduksi Sakarosa dan Gula Total	370,000.00	SNI 01-2892-1992
Gula Pereduksi	180,000.00	SNI 01-2892-1992
Gula Sakarosa	250,000.00	SNI 01-2892-1992
Gula Total	150,000.00	SNI 01-2892-1992
Insoluble Matter	125,000.00	SNI 2891-1992
Filth Test & Extraneous Material	185,000.00	AOAC 945.80.1990
Calcium	190,000.00	Kompleksomtri - AOAC 944.03
Curd Test	20,000.00	Inhouse Method

Note : Analisa Bahan Kemas (Laminated/Alufoil, Folding Box, Carton Box) @ Rp 100,000.00

LABORATORIUM MIKROBIOLOGI

Parameter	Biaya Analisa (Rp)	Metode Analisa
Total Plate Count*	50,000.00	Colony Count - SNI ISO 4833-1 : 2015
Mould and Yeast*	80,000.00	Colony Count - ISO 6611 : 2004 (E)
Mould and Yeast*	80,000.00	FDA BAM April 2001 Chapter 18
*S. aureus**	125,000.00	Colony Count - ISO 6888-1 : 2021
*B. cereus**	340,000.00	Colony Count - SNI ISO 7932 : 2012
Enterobacteriaceae* (kuantitatif)*	90,000.00	Colony Count - ISO 21528-2 : 2017
Enterobacteriaceae* (kualitatif)*	85,000.00	Detection Method - ISO 21528-1 : 2017
Coliform MPN*	115,000.00	MPN 3 tubes - SNI ISO 4831 : 2012
Coliform Plate Count	115,000.00	Colony Count - ISO 4832 : 2006
*E. coli**	125,000.00	MPN 3 tubes - SNI ISO 7251 : 2012
Salmonella/25g	160,000.00	Detection Method - ISO 6579 : 2017
Salmonella/250g	475,000.00	Detection Method - ISO 6579 : 2017
Salmonella/750g	675,000.00	Detection Method - ISO 6579 : 2017

LABORATORIUM IN PROCESS CONTROL

Parameter	Biaya Analisa (Rp)	Metode Analisa
Net Weight	10,000.00	Inhouse Method
Leakage	10,500.00	Bubble Test
Residual Oxygen Content	11,000.00	Inhouse Method
Insect Fragment/ Foreign Matters	10,000.00	Inhouse Method
Sieve Test 20 Mesh	18,000.00	Inhouse Method

Note : *) accredited parameter

Waktu analisa parameter kimia fisika selama 3 hari kerja, waktu analisa parameter mikrobiologi selama 7 hari kerja setelah sampel diterima.

"Dapatkan harga terbaik dengan kontrak yang sesuai kebutuhan Anda, hubungi kami untuk informasi lebih lanjut."