



Food

What is Food Testing ?

Improved lifestyle and consumer demands, special requirements of the food industry, and national and international regulations as one of the challenges of food testing laboratories to ensure the quality and safety of food products. All food products require analysis as part of a quality management program during the product development process (including raw materials), from the production stage to the finished product, and after the product has circulated on the market. Food product testing (chemical, physical and microbiological) is used to answer questions about food safety, follow the regulations in each country and control quality with certain specifications. Speed precision accuracy is a key factor in testing laboratories. In this case, PT Qualis Indonesia is a testing laboratory that can help to improve the quality of food products through testing that is accurate, fast and can be trusted by all parties.

Why is Important ?

- The products and services produced have met the requirements
- Improve quality of products
- Ensure the quality and safety of products

Scope of Commodity :

- Fruit and Vegetables
- Milk, Chocolate, and Dairy Products
- Nuts, Cereal
- Flavour and Seasoning
- Meat and Seafood
- Cosmetic and Toiletries
- Packaging Material
- Water and Beverages
- Flour
- Food Additive
- Oil, Fats and It's Derivates
- Snack
- Packaging

Our Facilities :

- | | | |
|--------------|---------------------------|------------|
| • GC-MS | • UV-Vis Spectrofotometer | • FIMS |
| • GC-FID | • Protein Analyzer | • ICP-MS |
| • GC-ECD | • Lovibond Tintometer | • HPLC |
| • Head space | • Photometer | • LC-MS |
| • ICP-OES | • Nephelometer | • LC-MS-MS |



SNI Products

- | | |
|----------------------------|--------------------|
| • Biscuits | • Instant Coffee |
| • Wheat Flour as Foodstuff | • Refinement Sugar |
| • Instant Noodles | • Palm Oil |
| • Milk Powder | • Water (AMDK) |
| • Sweetened Condensed Milk | • Salt |
| • Cocoa Powder | • Sugar |
| • Lodized Salt Consumption | |



Test Parameter

1. Food Contaminant

- Melamine
- Cyanuric Acid

2. Packaging

- Migration Heavy Metal
- Overall Migration

3. Micotoxyn

- Aflatoxin (B1,B2,G1,G2)
- Aflatoxin M1
- Ocratoxin A

4. Residue Antibiotic

- Chloramphenicol
- Nitofuran
- Malachite Green
- Leuco Malachite Green

5. Pesticide

- Carbamate
- Organochlorine
- Organophosphate
- Piretroid

6. Anti Oxidant

- BHA
- BHT
- TBHQ
- Ascorbic acid

7. Cosmetic and Toiletries

- 1,4 Dioxan
- Microbiology
- Heavy Metal
- Preservative

8. Water Testing

- SNI 6241 : 2015
- SNI 3553 : 2015
- Permenkes 32
- Permenkes 416
- Kemenprin 78 : 2016
- Permen LH No. 5 : 2014
- Permenkes 492
- WHO Regulation

9. Food Preservative

- Benzoic Acid
- Boraks
- Citric Acid
- Ethyl Paraben
- Formalin
- Methyl Paraben
- Sodium Benzoate
- Sorbic Acid
- Sulfit

10. Sweetener

- Acesulfam
- Aspartam
- Cyclamat
- Fluctose
- Glucose
- Lactose
- Maltose
- Saccharine
- Sucrose
- Xylose

11. Microbiology

- Bacilus Cereus
- Clostridium Perfringens
- Coliform
- Enterobacteriaceae
- Eschericia Coli
- Fecal Coliform
- Listeria Monocytogenes
- Pseudomonas
- Salmonella
- Staphylococcus Aureus
- Swab Test
- Total Plate Count (TPC)
- Yeast & Mould

12. Food Colorant

- Alura Red
- Brilliant Blue
- Brown HT
- Carmoisine
- Curcumin
- Indigo Carmine
- Methanil Yellow
- Ponceau 4R
- Rhodamin B
- Sunset Yellow
- Tatrazine
- TiO2

13. Nutrition Fact

- Calories
- Carbohydrate
- Cholesterol
- Fat content
- Protein
- Saturated Fat
- Unsaturated Fat
- Vitamin A
- Vitamin B1
- Vitamin B2
- Vitamin B3
- Vitamin B5
- Vitamin B9
- Vitamin C
- Total Dietary Fiber (TDF)
- Total Sugar
- Trans Fat
- Omega 3,6,9

14. Heavy Metal and Mineral

- Alumunium (Al)
- Antimony (Sb)
- Arsen (As)
- Barium (Ba)
- Boron (B)
- Calcium (Ca)
- Cadmium (Cd)
- Chromium (Cr)
- Cobalt (Co)
- Copper (Cu)
- Iron (Fe)
- Kalium (K)
- Lead (Pb)
- Magnesium (Mg)
- Mangan (Mn)
- Mercury (Hg)
- Molibdenum (Mo)
- Natrium (Na)
- Nickel (Ni)
- Selenium (Se)
- Tin (Sn)
- Uranium (U)
- Zinc (Zn)

15. Other Test Parameter

- Acid Insoluble Matter
- Acid Value
- Alcohol
- Ammonia
- Benzo(a)pyrene
- Cacao Mass
- Cafein
- Conductivity of Ash
- Crude Fiber
- Cyanida
- Flourida
- Free Fatty Acid
- Iodine Value
- KIO3
- Migration Heavy Metal
- Milk Fat
- Milk Fat of Dry Basis
- Milk Fat of Total Solid
- Moisture Content Base on Non Fat
- Moisture Content Base on Solids Non Fat
- NaCl Content
- Nitrate
- Nitrit
- Peroxide Value
- Phopor
- Safonification Value
- SiO2
- Sodium Carbonate
- Solid Non Fat
- Total Solid
- Unsufonated Primary Amine Aromatis Primer
- Water Insoluble Matter