



KRISADA

Krisada Laboratories Co.,Ltd
บริษัท ฤๅษฎา แลบบอราทอริส จํากัด

COMPANY PROFILE

Krisada Laboratories Co., Ltd. has developed the high standard testing for various industries. The test results are standardized and certified according to ISO/IEC 17025 quality management system. Krisada Lab has been engaged in the laboratory industry for over ten years that specializes in cosmetics, food additives, and food supplements. At present, we develop into an independent testing laboratory or a third-party laboratory that follows international standards with prompt reporting and accurate test results.

Third-party testing is extremely an enormous influence or effect on national or societal issues, specifically related to health, environment, safety, and immense economic values. Because of third-party services are a more unbiased and balanced view of confidence, the analysis results of third-party testing will equally occur.

VISION

Committing to professional testing providing, high-quality, accurate, in-time and independent testing, compliant with international standard and continuously develop new fields of testing with latest technology.



QUALITY ASSURANCE

Krisada Laboratories Co., Ltd. focuses on providing high-quality analytical services to customers with confidence in their decisions. The laboratory is compliant with ISO/IEC 17025. We annually attend the proficiency testing (PT) to check our performance, and it always confirms accurate and precise results.

ISO/IEC 17025 accreditation is the single most necessary standard for calibration and testing laboratories around the world. ISO 17025 accredited laboratories have proved that they are technically proficient and have the ability to produce accurate results.



The laboratory supports testing, analyzing, and consulting to various domestic and foreign industries, including cosmetics, dietary supplements, food, animal feed, and household products. The purpose of the testing service is to inspect the specification, safety, and quality of the products. The laboratory has specialized scientists and uses modern technology equipment and had accredited by local and international standards.

CHEMICAL TESTING

pH
Moisture
Acid Value
Saponification Value
Etc.



MATERIAL RISK MANAGEMENT

Heavy metals
Water quality
Food additives
Specific raw materials
Etc.



ANALYSIS AND EVALUATION OF FUNCTIONAL COMPONENTS

Minerals
Vitamins
Amino acid
Etc.



NUTRITION LABELING

Protein
Total fat/ Saturated fat/ Unsaturated fat/ Trans fat
Sodium
Cholesterol
Total dietary fiber
Vitamins
Calcium
Iron
Total sugar
Carbohydrate
Calories/ Energy



EXTEND SHELF-LIFE

Chemical test (deterioration Indicator)
Microbial test (contamination indicator)
Physical test (physical properties test)



SANITIZATION MANAGEMENT

Microbial test of material and products
Measurement of working space
Swab test
Etc.

CHEMISTRY LABORATORY

The chemical analysis identifies and verifies the composition of samples, providing a broad range of chemical analysis services that include elemental and general wet chemistry analysis. Our chemical analysis laboratory is equipped with state-of-the-art technologies that provide precise analysis and have quality testing experts for products ranging from foods to cosmetics and raw materials. We provide testing for organic acid, heavy metals, metallic and nonmetallic elements, fat and oil, and general chemical analysis.

NUTRIENT FACTOR

Moisture, Proteins, Fats, Ash, Carbohydrates, Dietary fiber, Calories, etc.

FATS AND OILS

Various types of fatty acid, Sterols, Phospholipids, etc.

AMINO ACID PROFILE

Total amino acids, Free amino acids as Collagen (hydroxyproline), Glucosamine, etc.

FORMULATION ANALYSIS

Sun Protection Factor (SPF)

HEAVY METALS

Lead, Arsenic, Cadmium, Mercury, etc.

CHROMATOGRAPHY

Assay, Purities, Impurities, etc.

GRAVIMETRIC ANALYSIS

Loss on drying (Hot air oven), Viscosity, Specific Gravity/ Density, Refractive Index (RI)

CHEMICAL ANALYSIS

pH, Conductivity, Acid Value (AV), Saponification Value (SV)

ALCOHOL PROFILE

Methanol, Ethanol, Propanol, Acetone, etc.

VITAMIN

Vitamins A, C, D, E, K and B-complex

MINERALS

Sodium, Potassium, Calcium, Iron, Magnesium, Manganese, Zinc, Iodine, etc.



MICROBIOLOGY LABORATORY

Microorganisms or microbes are microscopic organisms. They can be found almost anywhere on Earth, including water, soil, air, and our bodies. However, the product-making process may be contaminated with various microbes. If they are nonpathogenic microbes that do not cause disease, they cause the product to have an unpleasant odor, physical change, or spoilage. If they are pathogenic microbes, they may cause consumer illness. And if it is infectious, it will increase the number of infected people and sometimes may indeed die. That is the reason why the product manufacturing must consider microbiology testing.

MICROBIAL LIMIT TESTS

Total Plate Count (TPC)
Total Bacteria Count (TBC)
Total Yeast & Mold Count (TYMC)

PATHOGENIC TESTING

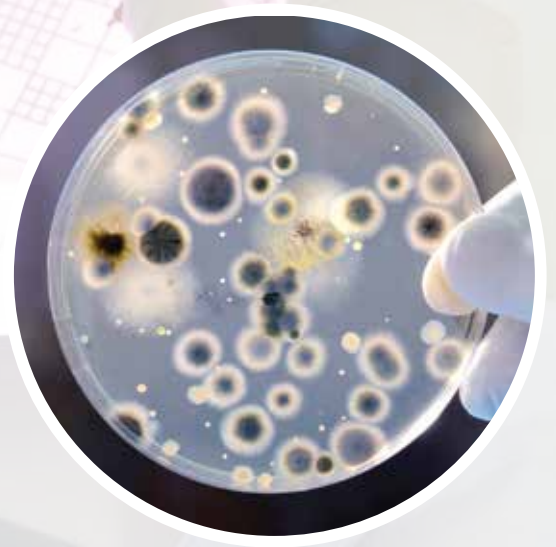
Staphylococcus aureus
Pseudomonas aeruginosa
Candida albicans
Aspergillus niger
Escherichia coli
Etc.

PRESERVATIVES-EFFECTIVENESS TEST

Antimicrobial effective testing
(Challenge test)

DISINFECTANT EFFECTIVE TESTING


Bactericidal efficacy test



แผนที่ บจก.กฤษฏา แลบบอราทอรีส์ (MAP :: KRISADA LABORATORIES CO.,LTD)



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