

บริษัท กิฟฟารีน สกายไลน์ แลบบอราทอรี แอนด์ เฮลท์แคร์ จำกัด

222/1-3 นิคมอุตสาหกรรมนวนคร หมู่ที่ 13 อ.พหลโยธิน ต.คลองหนึ่ง อ.คลองหลวง

จ.ปทุมธานี 12120 โทรศัพท์:(02)834-9222

อัตราค่าบริการและปริมาณตัวอย่างที่ใช้ในการตรวจวิเคราะห์

รายการวิเคราะห์ทดสอบตามขอบข่ายที่ได้รับรองความสามารถของห้องปฏิบัติการทดสอบ ISO/IEC 17025 : 2017

TYPE OF SAMPLE	TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
Toothpaste <ul style="list-style-type: none"> ● Sodium Fluoride (NaF) ● Sodium Monofluorophosphate (Na₂PO₃F) ● Toothpaste containing Sodium Fluoride (NaF) and Sodium Monofluorophosphate (Na₂PO₃F) 	- Fluoride Ion	100 g	Thai Industrial Standard	Ion Analyzer	2,000.00
	- Fluoride Ion (Total Fluoride Ion)	100 g	45-2552: Toothpaste		2,000.00
Mouth wash <ul style="list-style-type: none"> ● Sodium Fluoride (NaF) 	- Fluoride Ion	100 g	Thai Industrial Standard 2342-2550: Oral Rinse	Ion Analyzer	2,000.00
Sunscreen <ul style="list-style-type: none"> ● Cream ● Lotion 	- Octyl Methoxycinnamate	100 g	In-house method WI#04-001-01-	LC	2,000.00
	- Butyl Methoxydibenzoylmethane	100 g	030 HPLC technique □	LC	2,000.00
	- Octocrylene	100 g	In-house method WI#04-001-01-	LC	2,000.00
	- Oxybenzone	100 g	126 by UPLC technique	LC	2,000.00
Herbal <i>Curcuma Longa</i> , Linn. <ul style="list-style-type: none"> ● Powder ● Powder in Capsule 	Curcuminoids as Curcumin Content	50 g	In-house method WI#04-001-01-160 based on Thai Herbal Pharmacopoeia 2021	UV-Visible Spectroscopy	2,000.00
- <i>Andrographis paniculata</i> (Burm.f.) Nees <ul style="list-style-type: none"> ● Powder ● Powder in Capsule - <i>Andrographis paniculata</i> (Burm.f.) Nees Crude Extract <ul style="list-style-type: none"> ● Powder ● Powder in Capsule 	Andrographolide	50 g	In-house method WI#04-001-01-047 based on Thai Herbal Pharmacopoeia 2021	LC	2,000.00
Cosmetic *	Total Aerobic Microbial Count (CFU)	100 g	ISO 21149: 2017	Pour Plate	500.00
	Total Combined Yeasts and Molds Count (CFU)	100 g	ISO 16212: 2017	Pour Plate	500.00
	<i>Escherichia coli</i> (Detected or not detected)	100 g	ISO 21150: 2015	Conventional	600.00
	<i>Staphylococcus aureus</i> (Detected or not detected)	100 g	ISO 22718: 2015	Conventional	600.00
	<i>Salmonella</i> spp. (Detected or not detected)	100 g	USP-NF : 2022	Conventional	600.00
	<i>Clostridium</i> spp. (Detected or not detected)	100 g	In-house method WI#04-001-03- 026 based on USP-NF : 2022	Conventional	700.00
	<i>Pseudomonas aeruginosa</i> (Detected or not detected)	100 g	ISO 22717: 2015	Conventional	600.00

TYPE OF SAMPLE	TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
Cosmetic *	<i>Candida albicans</i> (Detected or not detected)	100 g	In-house method WI#04-001-03-027 based on ISO 18416: 2015	Conventional	600.00
	Challenge Test	250 g	ISO 11930: 2019	Pour Plate	10,000.00
Alcohol-based hand sanitizer ● Gel ● Solution	Quantitative suspension test for the evaluation of bactericidal activity 1.) <i>Escherichia coli</i> ATCC 10536 2.) <i>Enterococcus hirae</i> ATCC 10541 3.) <i>Pseudomonas aeruginosa</i> ATCC 15442 4.) <i>Staphylococcus aureus</i> ATCC 6538	500 mL	In-house method WI#04-001-03-040 based on BS EN 1276: 2009	Pour Plate	6,000.00
	Quantitative suspension test for the evaluation of bactericidal activity 1.) <i>Escherichia coli</i> K12 NCTC 10538 2.) <i>Enterococcus hirae</i> ATCC 10541 3.) <i>Pseudomonas aeruginosa</i> ATCC 15442 4.) <i>Staphylococcus aureus</i> ATCC 6538	500 mL	BS EN 1276: 2019	Pour Plate	6,000.00
Food Supplement ● Tablet ● Capsule ● Powder	Total Aerobic Microbial Count (CFU)	100 g	USP-NF : 2022	Pour Plate	500.00
	Total Combined Molds and Yeasts Count (CFU)	100 g	USP-NF : 2022	Pour Plate	500.00
	<i>Staphylococcus aureus</i> (Detected or not detected)	100 g	USP-NF : 2022	Conventional	500.00
	<i>Salmonella</i> spp. (Detected or not detected)	100 g	USP-NF : 2022	Conventional	500.00
- Food Supplements - Chewing Gum and Candy - Ready to Eat-Foods (Tablet) - Food for weight control person - Seasoning	<i>Escherichia coli</i> (MPN)	100 g	In-house method WI# 04-001-03-034 based on FDA BAM Online, 2020 (Chapter 4)	MPN	600.00

<p>REMARK*</p> <p>ได้รับการขึ้นทะเบียนเป็นห้องปฏิบัติการที่ผ่านการรับรองความสามารถตามมาตรฐาน ISO / IEC 17025 : 2017</p> <p>หมายเลขทะเบียน 1045/45 จากสำนักมาตรฐานห้องปฏิบัติการ กรมวิทยาศาสตร์การแพทย์ กระทรวงสาธารณสุข</p> <p>Cosmetic as described</p> <p>1. Cleansing products</p> <ul style="list-style-type: none"> - Cream - Lotion - Oil - Gel <p>2. Beauty Products</p> <p>2.1 Moisturizer Products</p> <ul style="list-style-type: none"> - Cream - Lotion <p>2.2 Concealer Products</p> <ul style="list-style-type: none"> - Foundation <p>2.3 Make Up Products (for Eyes, Face and Body)</p> <ul style="list-style-type: none"> - Powder (Eyeshadow, Blush On, Loose Powder, Compact Powder) - Cream <p>2.4 Hair and Scalp conditioner Treatment Products</p> <ul style="list-style-type: none"> - Cream 	<ul style="list-style-type: none"> - Foam - Liquid - Toner - Soap (Cream and Gel) - Gel - Emulsion - Concealer - Gel - Emulsion - Oil <ul style="list-style-type: none"> - Shampoo - Liquid make up remover - Toothpaste - Genital cleansing products - Liquid
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รายการวิเคราะห์ทดสอบที่ยังไม่ได้รับรองความสามารถของห้องปฏิบัติการทดสอบ ISO/IEC 17025

รายการวิเคราะห์ทดสอบทางห้องปฏิบัติการเคมี

➤ เครื่องสำอาง อาหาร ผลิตภัณฑ์เสริมอาหารและสมุนไพร

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
Acesulfame K	50 g	USP/NF	Titrimetry	1,500.00
Acid Insoluble Ash	50 g	THP	Gravimetric	800.00
Acid Value	100 g	USP/NF	Titrimetry	1,200.00
Acidity	50 g	USP/NF	Titrimetry	1,200.00
Anionic Surfactant	50 g	ISO 2271-1972	Titrimetry	1,200.00
Anionic Surfactant	50 g	In-house Method	Potentiometric Titration	1,500.00
Sodium Ascorbyl Phosphate, Stay-C50	50 g	In-house Method	LC	2,000.00
Ascorbic Acid	50 g	In-house Method	LC	2,000.00
Ascorbic Acid	50 g	USP/NF	Potentiometric Titration	1,500.00
Brix	40 g	USP/NF	Refractometer	400.00
Bulk Density	50 g	USP/NF	Graduated Cylinder Measurement	300.00
Calcium	50 g	USP/NF	Titrimetry	1,200.00
Cationic Surfactant	50 g	In-house Method	Potentiometric Titration	1,500.00
Chloride	50 g	USP/NF	Titrimetry	1,200.00
Chloride	50 g	In-house Method	Potentiometric Titration	1,500.00
Citric Acid	50 g	USP/NF	Titrimetry	1,200.00
Cloud Point	100 g	USP/NF	Turbidimetric	200.00
Detergency Washing Test Mineral Oil with Carbon Black (JB-01)	25 g	GB/T 13174-2008 (Laundry Product)	Terg-O-tometer	1,000.00
Detergency Washing Test Egg Yolk (JB-02)	25 g	GB/T 13174-2008 (Laundry Product)	Terg-O-tometer	1,000.00
Detergency Washing Test Sebum with Pigment (JB-03)	25 g	GB/T 13174-2008 (Laundry Product)	Terg-O-tometer	1,000.00
Detergency Washing Test Cotton soiled with blood	25 g	GB/T 13174-2008 (Laundry Product)	Terg-O-tometer	1,000.00
Disintegration Time	20 cap/tab	USP/NF	Disintegration Tester	400.00
Ethanol-Soluble Extractive	50 g	THP	Gravimetric	800.00
Ethanol Soluble Matter	50 g	TIS. 578-2540 (ผงซักฟอก)	Gravimetric	900.00
Friability	60 cap/tab	USP/NF	Friability Tester	300.00
Glycine	50 g	USP/NF	Titrimetry-Automatic titrator	1,500.00
Glycolic Acid	50 g	USP/NF	Titrimetry	1,200.00
Identification by FT-IR	50 g	USP/NF	FT-IR	800.00
Identification of Starch	30 g	USP/NF	Chemical Identification	200.00
Iodine Value	50 g	USP/NF	Titrimetry	1,200.00
Lactic Acid	50 g	USP/NF	Titrimetry	1,200.00
Limit Test of Chloride	20 g	USP/NF	Turbidity Comparison	400.00
Limit Test of Sulphate	20 g	USP/NF	Turbidity Comparison	400.00

➤ เครื่องสำอาง อาหาร ผลิตภัณฑ์เสริมอาหารและสมุนไพร (ต่อ)

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
L-Isoleucine	50 g	USP/NF	Potentiometric Titration	1,500.00
L-Leucine	50 g	USP/NF	Potentiometric Titration	1,500.00
L-Lysine	50 g	BP	Potentiometric Titration	1,500.00
L-Methionine	50 g	USP/NF	Potentiometric Titration	1,500.00
L-Theanine	50 g	In-house Method	Potentiometric Titration	1,500.00
L-Valine	50 g	USP/NF	Potentiometric Titration	1,500.00
Loss On Drying	50 g	USP/NF	Gravimetric -Hot Air Oven	500.00
Malic Acid	50 g	USP/NF	Titrimetry	1,200.00
Melting Point	50 g	USP/NF	Melting Point Apparatus	500.00
Methyl Salicylate	50 g	USP/NF	Titrimetry	1,200.00
Moisture content	50 g	USP/NF	Gravimetric -Moisture Analyzer	400.00
Particle Size	50 g	USP/NF	Mechanical Agitation	400.00
pH	100 g	USP/NF	Electrometric-pH Meter	200.00
Peroxide Value	100 g	USP/NF	Titrimetry	1,200.00
Phosphoric Acid	50 g	USP/NF	Titrimetry	1,200.00
Potassium Hydroxide	50 g	USP/NF	Titrimetry	1,200.00
Pueraria (Qualitative)	100 g	In-house Method	LC	2,000.00
Refractive Index	50 g	USP/NF	Refractrometer	400.00
Salicylic Acid	50 g	USP/NF	Titrimetry	1,200.00
Saponification Value	50 g	USP/NF	Titrimetry	1,200.00
Sequestering Agent (สารลดความกระด้าง)	50 g	TIS. 578-2540 (ผงซักฟอก)	Titrimetry	1,200.00
Sodium Hydroxide	50 g	USP/NF	Titrimetry	1,200.00
Sodium Ascorbate	50 g	USP/NF	Titrimetry	1,200.00
Sodium Chloride	50 g	In-house Method	Titrimetry	1,200.00
Sodium Chloride	50 g	USP/NF	Potentiometric Titration	1,500.00
Solid Content	50 g	USP/NF	Gravimetric - Hot Air Oven	500.00
Solid Content	50 g	USP/NF	Gravimetric -Moisture Analyzer	400.00
Specific Gravity / Density/ Relative Density	50 g	USP/NF	Density Meter	400.00
Specific Rotation / Optical Rotation	50 g	USP/NF	Polarimeter	500.00
Sun Protection Factor (SPF) / PA	50 g	COLIPA/ ISO 24443	Transmittance/ Ultraviolet transmittance Analyzer	3,500.00
Sun Product Water Resistance	30 g	In-house Method based on Colipa Guidelines	Transmittance/ Ultraviolet transmittance Analyzer	6,000.00
Sun Product Very Water Resistance	30 g	In-house Method based on Colipa Guidelines	Transmittance/ Ultraviolet transmittance Analyzer	8,000.00
Sunscreen OMC/ BMM	50 g	In-house Method	UV-Visible Spectroscopy	1,500.00
Sunscreen Octocrylene	50 g	In-house Method	UV-Visible Spectroscopy	1,500.00
Sunscreen Octyl Salicylate	100 g	In-house Method	LC	2,000.00
Tapped Density	100 g	USP/NF	Mechanical Tapped	500.00

➤ เครื่องสำอาง อาหาร ผลิตภัณฑ์เสริมอาหารและสมุนไพร (ต่อ)

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
Total Alkaline	50 g	TIS. 578-2540 (ผงซักฟอก)	Titrimetry	1,200.00
Total Ash/Loss on Ignition	50 g	USP/NF	Gravimetric	800.00
Total phosphate (as P ₂ O ₅)	50 g	TIS. 578-2540 (ผงซักฟอก)	Titrimetry	1,300.00
Total Lactone Content Calculated as Andrographolide in Andrographis paniculata	50 g	THP	Titrimetry	4,000.00
Ubidecarinone	50 g	In-house Method	LC	2,000.00
Viscosity	1000 g	USP/NF	Viscometer	500.00
Volatile Oil Content in Curcuma Longa	50 g	THP	Distillation	3,000.00
Water Content (KF)	50 g	USP/NF	Titrimetry-Karl Fisher Titration	1,000.00
Water-Soluble Extractive	50 g	THP	Gravimetric	800.00
Water-Soluble Substance	50 g	USP/NF	Gravimetric	800.00
Weight Variation/Fill Weight	40 cap/tab	USP/NF	Weight	400.00
Zinc Lactate	50 g	USP/NF	Titrimetry	1,200.00

➤ น้ำเสีย (รายการที่มีเครื่องหมาย ** ได้รับการขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน หมายเลขทะเบียน ๖196 จากกรมโรงงานอุตสาหกรรม)

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
Biochemical Oxygen Demand (BOD) **	1000 mL	APHA (2012), 4500-O.C	Titrimetry	500.00
Biochemical Oxygen Demand (BOD) **	1000 mL	APHA (2012), 4500-O.G	Polarographic Membrane Electrode	500.00
Chemical Oxygen Demand (COD) **	250 mL	APHA (2012), 5220 C	Titrimetry	500.00
Chemical Oxygen Demand (COD) **	250 mL	APHA (2012), 5220 D	Colorimetric/ Spectroscopy	500.00
Color ADMI **	600 mL	APHA (2012), 2120 F	Colorimetric/ Spectroscopy	600.00
Oil and Grease **	2500 mL	APHA (2012), 5520 B	Gravimetric	800.00
pH Value **	200 mL	APHA (2012), 4500-H+B	Electrometric/pH Meter	200.00
Total Suspended Solids (TSS) **	1000 mL	APHA (2012), 2540 D	Gravimetric	500.00
Total Dissolved Solids (TDS) **	500 mL	APHA (2012), 2540 C	Gravimetric	500.00
Mixed Liquor Suspended Solids (MLSS)	500 mL	APHA (2012), 2540 D	Gravimetric	400.00
Sludge Volume (SV 30)	1000 mL	APHA/ AWWA	Settled Sludge Volume	150.00
Total Solids (TS)	500 mL	APHA (2012), 2540 B	Gravimetric	400.00

รายการวิเคราะห์ทางห้องปฏิบัติการจุลชีววิทยา

➤ เครื่องสำอาง และผลิตภัณฑ์ที่ใช้ในครัวเรือน

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
Total Aerobic Microbial Count (CFU)	100 g	ISO 21149	Pour Plate	500.00
Total Combined Yeasts and Molds Count (CFU)	100 g	ISO 16212	Pour Plate	500.00
<i>Escherichia coli</i> (Detected or not detected)	100 g	ISO 21150	Conventional	600.00
<i>Staphylococcus aureus</i> (Detected or not detected)	100 g	ISO 22718	Conventional	600.00
<i>Salmonella</i> spp.(Detected or not detected)	100 g	USP-NF	Conventional	600.00
<i>Clostridium</i> spp. (Detected or not detected)	100 g	In-house method WI#04-001-03-026 based on USP-NF	Conventional	700.00
<i>Pseudomonas aeruginosa</i> (Detected or not detected)	100 g	ISO 22717	Conventional	600.00

➤ เครื่องสำอาง และผลิตภัณฑ์ที่ใช้ในครัวเรือน (ต่อ)

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
<i>Candida albicans</i> (Detected or not detected)	100 g	In-house method WI#04-001-03-027 based on ISO 18416	Conventional	600.00
Antimicrobial Activity (ASTM E 2315-16) <input type="checkbox"/>	300 mL	ASTM E 2315-16	Pour Plate & Membrane filtration	7,500.00
Bacteriostatic Rate (QB/T2738)	300 mL	QB/T2738	Pour Plate	6,000.00
Antimicrobial Activity (In-house method base on AATCC TM147) <input type="checkbox"/>	300 mL	(In-house method base on AATCC TM147)	Parallel Streak	6,000.00

➤ ผลิตภัณฑ์เสริมอาหาร / อาหาร

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
<i>Clostridium spp.</i> (Detected or not detected)	100 g	USP-NF	Conventional	700.00
Coliform (MPN)	100 g	BAM	MPN	400.00
<i>Escherichia coli</i> (MPN)	100 g	BAM	MPN / g	600.00
<i>Escherichia coli</i> (PN)	100 g	BP	PN	600.00
<i>Escherichia coli</i> (Detected or not detected)	100 g	USP-NF	Conventional	600.00
<i>Pseudomonas aeruginosa</i> (Detected or not detected)	100 g	USP-NF	Conventional	600.00
<i>Staphylococcus aureus</i> (CFU)	100 g	BAM	Spread Plate	600.00
<i>Staphylococcus aureus</i> (Detected or not detected)	100 g	USP-NF	Conventional	600.00
<i>Salmonella spp.</i> (Detected or not detected)	200 g	USP-NF	Conventional	600.00
Total Aerobic Microbial Count (CFU)	100 g	USP-NF	Pour Plate	500.00
Total Combined Molds and Yeasts Count (CFU)	100 g	USP-NF	Pour Plate	500.00

➤ สมุนไพร

TEST	SAMPLE QUANTITY	METHOD	TECHNIQUE	RATE (BAHT)
<i>Clostridium spp.</i> (Detected or not detected)	100 g	THP	Conventional	700.00
<i>Escherichia coli</i> (Detected or not detected)	100 g	THP	Conventional	600.00
<i>Escherichia coli</i> (PN)	100 g	THP	PN	600.00
Bile-Tolerant Gram-Negative Bacteria (PN)	100 g	THP	PN	600.00
<i>Pseudomonas aeruginosa</i> (Detected or not detected)	100 g	THP	Conventional	600.00
<i>Staphylococcus aureus</i> (Detected or not detected)	100 g	THP	Conventional	600.00
<i>Salmonella spp.</i> (Detected or not detected)	200 g	THP	Conventional	600.00
Total Aerobic Microbial Count (CFU)	100 g	THP	Pour Plate	500.00
Total Combined Molds and Yeasts Count (CFU)	100 g	THP	Pour Plate	500.00

REMARK -

ABBREVIATION:

ISO : INTERNATIONAL STANDARDIZATION AND ORGANIZATION
USP : UNITED STATE PHARMACOPEIA ASIAN EDITION
BP : BRITISH PHARMACOPEIA
BAM : FDA BACTERIOLOGICAL ANALYTICAL MANUAL
APHA : AMERICAN PUBLIC HEALTH ASSOCIATION , STANDARD METHODS FOR THE EXAMINATION OF
WATER AND WASTE WATER
GB/T : NATIONAL STANDARD OF THE PEOPLE' S REPUBLIC OF CHINA
QB/T : TEST METHODS FOR EVALUATING DAILY CHEMICAL PRODUCTS IN ANTIBACTERIAL AND
BACTERIOSTATIC EFFICACY
THP : THAI HERBAL PHARMACOPEIA

ว/ด/ป บังคับใช้ : 09/07/2024