



**Industrial Technology Development Institute
STANDARDS AND TESTING DIVISION
SCHEDULE OF FEES AND CHARGES FOR TESTING
AND ANALYTICAL SERVICES**

Revision No. :	4
Effectivity Date :	Oct 1, 2014

**CHEMISTRY LABORATORY
ORGANIC CHEMISTRY SECTION**

SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (PhP)	SAMPLE REQUIREMENT
FUELS AND PETROLUEM PRODUCTS				
Liquid Fuels/ Lubricants	API Gravity/Specific Gravity/ Density	ASTM D4052/ASTM D1298	700.00	500mL
	Ash, straight	ASTM D 482	670.00	100mL
	Ash, Sulfated	ASTM D 874	840.00	100mL
	Color	ASTM D1500	360.00	100mL
	Copper Corrosion test	ASTM D130	700.00	100mL
	Flashpoint			
	Cleveland Open Cup (COC)	ASTM D 92	700.00	500mL
	Penky Martens Closed Cup (PMCC)	ASTM D 93	700.00	500mL
	Tag Closed Tester (TCT)	ASTM D 56	700.00	500mL
	Kinematic viscosity	ASTM D 445	800.00	200mL
	Total Acid Number	ASTM D 974	520.00	200mL
	Viscosity index	ASTM D 2270	1,320.00	200mL
	Water & sediments	ASTM D 1796/ASTM D2709	840.00	1L
	Water content	ASTM D 95	840.00	1L
	Compatibility Test	ASTM D 4740	1,300.00	500mL
	Sulfur	Combustion	2000.00 1 st spl, 900.00 next	100mL
	CHN	Combustion	3100.00 1 st spl, 1,500.00 next	100mL
	Heating value	ASTM D240	1,500.00	100mL
	Pour Point	ASTM D97	1,500.00	200mL
Solid Fuels (charcoal,wood biomass)	Proximate Analysis	ASTM D 1762	1,990.00	100g finely ground
	Ash	ASTM D 1762	840.00	
	Moisture	ASTM D 1762	450.00	
	Volatile Combustible Matter	ASTM D 1762	700.00	
	Fixed Carbon (by difference)	ASTM D 1762	1,990.00	
	Heating value	ASTM D 3286	1,500.00	
	Sulfur	ASTM D 4239	2000.00 1 st spl, 900.00 next	
	Ultimate analysis	ASTM D 5373	3100.00 1 st spl, 1,500.00 next	
Anthracite Coals	Acid solubility	ANSI/AWWA B100-96	1,500.00	1000 g granules
	Hardness, Mohs' scale		300.00	100 g blocks
Grease	Dropping Point	ASTM D 566	600.00	100 g
	Penetration Worked	ASTM D 217	650.00	500g
Brake Fluid	Dry ERBP	PNS 239	480.00	1L
	Loss on Evaporation	PNS 239	2,200.00	
	pH	PNS 239	400.00	
	Specific Gravity	ASTM D 1298	700.00	
	Kinematic viscosity @ 100 °C	ASTM D 445	800.00	
Waxes	Drop Melting Point	ASTM D 127	720.00	100g
	Penetration, Needle	ASTM D 1321	720.00	200 g
Asphalt	Penetration, Needle	ASTM D 5	720.00	200 g
	Softening point	ASTM D 36	720.00	50 g
PLANTS AND PHARMACUETICAL PRODUCTS				
Proximate Composition of Plant & Plant Products and Herbal Food Supplements	Acid insoluble ash	USP 23, [561]	1,080.00	20 g
	Crude Fat	AOAC 920.39	960.00	20g
	Crude Fiber	USP 23, [561]	1,380.00	20 g
	Crude Protein	AOAC 955.04	1,120.00	20 g
	Essential Oil content	USP 23, [561]	1,080.00	500g per set up
	Fixed Oil content	USP 23, [401]	840.00	500g
	Moisture	USP 23, [921]	600.00	20 g
	Total Ash	USP 23, [561]	720.00	20 g



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Plant Components	Phytochemical (alkaloids, flavonoids, glycosides saponins, sterols, tannins, triterpenes)	BTD Manual Qualitative	650.00	300 g
	Alkaloids	TLC	1,200.00	300 g
	Flavonoids	TLC	1,200.00	300 g
	Glycosides	TLC	1,200.00	300 g
	Hydrogen Cyanide	BTD Manual Qualitative	600.00	300 g
	Sterols	TLC	1,200.00	300 g
	Sugar (Glucose, Fructose, Sucrose)	HPLC	2500.00 any 1 st analyte add'l analyte 600.00 each	100 – 150g dried or fresh spl
	Triterpenes	TLC	1,200.00	5-10g extract 50g dried part
Plant Oils (Essential & Fixed Oil) Plant Extracts	Iodine value	USP [401]	600.00	10g
	Refractive Index	USP [831]	400.00	5 mL
	Saponification Value	USP [401]	800.00	20 g
	Acid Value	Titration	600.00	100 mL
	Specific Gravity	USP [841]	500.00	100 mL
	Total Essential oil Content	AOAC 932.11	1,080.00	300 mL
	Total Fixed Oil Content	USP [401]	840.00	250 g
	Viscosity (Brookfield)	ASTM D 2556	840.00	500 mL
	Scavenging activity of plant extracts	Spectrophotometer	3,960.00	200 g
	Antioxidant activity of plant extracts	Spectrophotometer	1,160.00	200 g
	Carvacrol	GC	1,800.00 any 1 st analyte add'l. Analyte 600.00 each	5mL
	Citral	GC		5mL
	Citronellal	GC		5mL
	Citronellol	GC		5mL
	Eucalyptol/Cineole	GC		5mL
	Eugenol	GC		5mL
	Geraniol	GC		5mL
	Limonene	GC		5mL
	Linalool	GC		5mL
	Myrcene	GC		5mL
	α-Pinene	GC		5mL
	β-Pinene	GC		5mL
	Terpineol	GC		5mL
Alkaloids	Caffeine	HPLC	2,800.00	100 g
Tannins	Catechol	TLC	1,200.00	100 g
	Pyrogallol	TLC	1,200.00	100 g
Liquid Nutritional Supplement	Calcium	AOAC 929.07	1,920.00	1L
	Phosphorous	AOAC 930.35	1,440.00	500 mL
	Sodium	AOAC 966.16	1,920.00	1L
Plant Products & Herbal Supplements	β-Carotene	HPLC	4,000.00	100 g
	Vitamin A	HPLC	3,750.00	100 g
	Vitamin B1	HPLC	3,500.00	100 g
	Vitamin B2	HPLC	3,500.00	100 g
	Vitamin B6	HPLC	3,500.00	100 g
	Vitamin E	HPLC	3,600.00	100 g
Topical Preparations, Liniments, Ointments	Camphor	GC	1,800.00 any 1 st analyte 600.00 per add'l analyte	60 – 100mL
	Menthol	GC		
	Eucalyptol/Cineole	GC		
	Methyl Salicylate	GC		
Medicated Cosmetic Soaps	Camphor	GC	1,800.00	60 – 100mL
	Menthol	GC	1,800.00	



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Medicated Cosmetic Liquid Preparations	Retinoic Acid (Tretinoin)	HPLC	3,750.00	4 bots in orig. pack
	Ethanol / 2-Propanol	GC	1,800.00 any 1st analyte 600.00 per add'l analyte	250 mL
Drug, Pharmaceuticals and Cosmetic Preparations	pH	USP 23	325.00	100 mL
	Viscosity (Brookfield)	ASTM D 2556	840.00	500 mL
	Moisture	USP 23	600.00	100 g
PAINTS AND ALLIED PRODUCTS				
Water-based Paints, Latex, White; Elastomeric; Acrylic Polymer, Copolymer	Chemical resistance	ASTM D 1308		At least 4L sample
	Spot Test		400.00	Test panels
	Immersion Test		650.00	
	Density	ASTM D 1475	515.00	
	Dry/Cure time	ASTM D 1640	400.00	
	Fineness of Grind	ASTM D 1210	380.00	
	Gloss Measurement	ASTM D 523	500.00	
	Pigment and Vehicle content	ASTM D 2371	1,000.00	
	Titanium Dioxide	ASTM D 1394	1,300.00	
	If requested alone		1,920.00	
	Total Solids, % weight	ASTM D 2369	500.00	
	Viscosity (KU) (Stormer)	ASTM D562	500.00	
	Volume non-volatile matter	ASTM D2697	500.00	
	If requested alone		1,200.00	
	Water resistance	ASTM D870	390.00	
Organic solvent-based Paints, Enamel, White; Polyurethane	Adhesion	ASTM D 3359	375.00	At least 4L sample
	Density	ASTM D 1475	515.00	Test panels
	Dry/Cure time	ASTM D 1640	400.00	
	Fineness of Grind	ASTM D 1210	380.00	
	Flexibility	ASTM D 522	400.00	
	Gloss Measurement	ASTM D 523	500.00	
	Hardness	ASTM D 3363	375.00	
	Pigment and Vehicle content	ASTM D 2371	1,000.00	
	Titanium Dioxide	ASTM D 1394	1,300.00	
	If requested alone		1,920.00	
	Total Solids, % weight	ASTM D 2369	500.00	
	Viscosity (KU)	ASTM D 562	500.00	
	Volume non-volatile matter or Total Solids, % volume	ASTM D 2697	500.00	
	If requested alone		1,200.00	
Primer Paints: Zn Yellow, Red Lead, Ferrous Oxide	Adhesion	ASTM D 3359	375.00	At least 4L sample
	Density	ASTM D 1475	515.00	Test panels
	Dry/Cure time	ASTM D 1640	400.00	
	Fineness of Grind	ASTM D 1210	380.00	
	Flexibility	ASTM D 522	400.00	
	Gloss Measurement	ASTM D 523	500.00	
	Hardness	ASTM D 3363	375.00	
	Iron Oxide (Iron Oxide Primer)			
	If requested alone	AAS	1,920.00	
	Pigment and Vehicle content	ASTM D 2371	1,000.00	
	Red Lead (Red Lead Primer)			
	If requested alone	AAS	1,920.00	
	Total Solids, % weight	ASTM D 2369	500.00	
	Viscosity (KU)	ASTM D 562	500.00	
	Volume non-volatile matter or Total Solids, % volume	ASTM D 2697	500.00	
	If requested alone		1,515.00	
	Chromium (Zn Yellow Primer)	ASTM D 444	1,200.00	
	If requested alone		1,920.00	
	Zinc (Zn Yellow Primer)	AAS		
	If requested alone		1,920.00	



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Reflectorized Traffic Marking Paints: White and Yellow	Density	ASTM D 1475	515.00	At least 4L sample Test panels
	Dry/Cure time/No-Pick-Up time	ASTM D 1640/D711	400.00	
	Glassbeads			
	Content	JIS K5665	700.00	
	Density	JIS R3301	700.00	
	Gradation	ASTM D1214	1,250.00	
	Lead, Total (for yellow paint) If requested alone	AAS	1,920.00	
	Pigment & Vehicle Content	ASTM D237/D4451	1,000.00	
	Titanium Dioxide (for white paint)	ASTM D1394	1,300.00	
	Total Solids, % weight	ASTM D2369	500.00	
	Water resistance	ASTM D870	390.00	
Thermoplastic Powder Paints White and Yellow	Calcium Carbonate	ASTM C25	1,100.00	At least 1kg sample
	If requested alone		1,560.00	
	Dry/Cure time	ASTM D1640	400.00	
	Glassbeads			
	Content	JIS K5665	700.00	
	Density	JIS R3301	515.00	
	Gradation	ASTM D1214	1,250.00	
	Lead, Total (for yellow paint) If requested alone	AAS	1,920.00	
	Pigment	ASTM D4451	1,000.00	
	Softening Point	ASTM E28	870.00	
	Titanium Dioxide (for white paint) If requested alone	ASTM D1394	1,300.00	
	Chrome Yellow (for yellow paint) If requested alone	ASTM D1394	1,300.00	
Aluminum Paints	Density	ASTM D1475	450.00	At least 4L sample Test panels
	Dry/Cure time	ASTM D1640	400.00	
	Pigment and Vehicle content	ASTM D2371	1,000.00	
	Viscosity (Ford Cup #4)	ASTM D1200	500.00	
	Volatile and nonvolatile Matter	ASTM D2369	600.00	
	Water content	ASTM D95	950.00	
	Adhesion	ASTM D3359	375.00	
	Chemical resistance	ASTM D1308		
	Spot Test		400.00	
	Immersion Test		650.00	
	Additional substrate		120.00	
	Heat resistance	ASTM D2485	3,000.00	
	Total Solids, % weight	ASTM D2369	500.00	
	Total Solids, % volume	ASTM D2697	500.00	
	If requested alone		1,200.00	
Avion Blue Enamel Paint	Adhesion	ASTM D3359	375.00	At least 4L sample Test panels
	Chemical resistance	ASTM D1308		
	Spot Test		400.00	
	Immersion Test		600.00	
	Additional substrate		120.00	
	Density	ASTM D1475	450.00	
	Dry/Cure time	ASTM D1640	400.00	
	Fineness of Grind	ASTM D1210	380.00	
	Flexibility	ASTM D522	400.00	
	Hardness	ASTM D3363	375.00	
	Total Solids, % weight	ASTM D2369	500.00	
	Viscosity (Ford Cup #4)	ASTM D1200	500.00	
	Water resistance	ASTM D870	390.00	



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Epoxy Paints	Adhesion	ASTM D3359	375.00	At least 4L sample Test panels
	Chemical resistance	ASTM D1308		
	Spot Test		400.00	
	Immersion Test		650.00	
	Additional substrate		120.00	
	Density	ASTM D1475	450.00	
	Dry/Cure time	ASTM D1640	380.00	
	Flexibility	ASTM D522	400.00	
	Hardness	ASTM D3363	375.00	
	Total Solids, % weight	ASTM D2369	500.00	
	Total Solids, % volume	ASTM D2697	500.00	
	If requested alone		1,200.00	
	Viscosity (KU)	ASTM D562	500.00	
	Water resistance	ASTM D870	390.00	
Adhesives	Viscosity, Krebs Unit	ASTM D1084	500.00	At least 1L/analyte
	Total Solids (non volatile content)	ASTM D4426	500.00	
	Viscosity (Brookfield)	ASTM D1084	840.00	
Glue	pH	PNS 1800:2000	400.00	At least 1L/analyte
	Free formaldehyde		700.00	
	Solid Content		500.00	
Physical analysis of Fingerprint Taker	Thumbprint Impressions, plain	Sirchie Fingerprint Method	960.00	at least 10 pcs.
Indelible Ink	Silver Nitrate, % w/w	ISTD (Gravimetry/ Titrimetry)	1,920.00	at least 150 mL
FOOD AND FEEDS				
Foods/Feeds	Protein	Block Digestion Method	1,120.00	200 mL or 200 g
	Ash	AOAC	550.00	200 g
	Ash-Acid insoluble	Gravimetric	900.00	200 g
	Ash-Water soluble & insoluble	Gravimetric	1,020.00	200 g
	Ash-Alkalinity	Gravimetric	1,000.00	200 g
	Ash-Alkalinity of Water, Insoluble	Gravimetric	1,440.00	200 g
	Ash-Alkalinity of Water Soluble	Gravimetric	1,320.00	200 g
	Ash-Sulphated	Gravimetric	1,000.00	200 g
	Crude Fiber	Gravimetric	1,380.00	200 g
	Moisture	Gravimetric	400.00	200 g
	Crude Fat	Acid hydrolysis	1,200.00	200 g
	Starch	Direct acid hydrolysis	1,200.00	200 g
	Food Energy (Calories)	By computation	90.00	500 g
	Total carbohydrate	By difference	90.00	500 g
	Total Dietary Fiber	AOAC	7,200.00	300 g
	pH	AOAC	325.00	200 g
	Cholesterol	HPLC	3,960.00	300 g
	Caffeine	HPLC	2,800.00	300 g
	Sorbic Acid	HPLC	4,400.00	300 g
	Benzoic Acid	HPLC	4,400.00	300 g
	Nitrite in meat	AOAC	1,500.00	400 g
	Calcium	AOAC	1,920.00	1L
	Iron	AOAC	1,920.00	500 mL
	Magnesium	AOAC	1,920.00	1L
	Manganese	AOAC	1,920.00	1L
	Potassium	AOAC	1,920.00	1L
	Sodium	AOAC	1,920.00	1L
	Zinc	AOAC	1,920.00	500 mL
	Lead	AOAC	1,920.00	500 mL
	Cadmium	AOAC	1,920.00	500 mL
	Mercury	Cold Vapor AAS	1,920.00	500 mL
	Copper	AOAC	1,920.00	500 mL
	Phosphorous	AOAC	1,920.00	500 mL
	Arsenic	AOAC	2,300.00	500 mL
	Acidity (Titratable) in fruit/ veg. product	AOAC	540.00	300 mL
	Acidity (Volatile) in fruit/ veg. product	AOAC	480.00	300 mL
	Solids (Soluble) in fruit/ veg. Product	AOAC	480.00	200 mL
	Solids (Water-insoluble) in fruit/ veg. Product	AOAC	360.00	200 mL
	Sodium Chloride	AOAC	700.00	200 g
	Solids (Total)	AOAC	400.00	200 g



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Sugar and sugar products	Total Reducing Sugar	AOAC	1,100.00	200 g
	Free Reducing Sugar	AOAC	840.00	200 g
	Density	AOAC	480.00	200 g
	Specific Gravity	AOAC	500.00	200 g
	Total Solids (% in syrup)	AOAC	480.00	100 g
	Lactose Purity	HPLC	2,500.00	100 g
	Fructose Purity	HPLC	2,500.00	100 g
	Glucose Purity	HPLC	2,500.00	100 g
	Sucrose Purity	HPLC	2,500.00	100 g
	Sucrose	AOAC	1,125.00	200 g
	Aspartame (Beverage)	HPLC	2,400.00	200 g
	Lactose in milk	HPLC	2,400.00	200 g
	Glycerol	HPLC	2,400.00	200 g
Vinegar	Acid (as Acetic Acid), Total	AOAC 930.35	560.00	200 mL/ analyte
	Alcohol	AOAC 930.35	600.00	
	Alkalinity of soluble ash	AOAC 900.02	800.00	
	Ash	AOAC 930.35	550.00	
	Nonvolatile acids	AOAC 930.35	650.00	
	Nonvolatile reducing substances	AOAC 930.35	1,200.00	
	Permanganate Oxidation Number	AOAC 944.10	1,200.00	
	Total Solids	AOAC 930.35	400.00	
	Total soluble solids	AOAC 930.35	480.00	
	Volatile Acids	AOAC 930.35	480.00	
	If requested alone		1,140.00	
Fats and Oils	Specific Gravity	AOAC 985.19	500.00	200 mL/analyte
	Fatty Acid Profile	GC	2,400.00	
	(For solid food, additional fee for extraction)		1,080.00	
	Free Fatty Acid/Acid No.	AOAC 940.28	500.00	
	Index of Refraction	AOAC 921.08	400.00	
	Iodine Absorption Number	AOAC 920.158/159	600.00	
	Melting Point of Fat/Fatty Acid	AOAC 920.157	500.00	
	Moisture/Volatile Matter	AOAC 962.12	450.00	
	Peroxide Value	AOAC 965.33	600.00	
	Saponification Value	AOAC 920.160	800.00	
	Specific Gravity	AOAC 920.212	500.00	
	Unsaponifiable Matter	AOAC 033.08	1,320.00	
	Viscosity (Brookfield)	ASTM D 2564/1084	840.00	
	Viscosity (Cannon-Fenske)	ASTM D445	600.00	
Vitamins in Food/Feeds	Vitamin A (Retinol)	HPLC	3,750.00	300 g/analyte
	Total Vitamin A (Retinol + β -carotene)	HPLC	7,000.00	
	β -carotene	HPLC	4,000.00	
	Vitamin E	HPLC	4,200.00	
	Niacinamide in juice	HPLC	3,500.00	
	Vitamin B1	HPLC	3,500.00	
	Vitamin B2	HPLC	3,500.00	
	Vitamin B6	HPLC	3,500.00	
Distilled Liquors/Wines/Beer	Vitamin C	HPLC	3,000.00	1L
	Acids	AOAC		
	Total Acids		560.00	
	Fixed Acids		600.00	
	Volatile acids (If requested alone)		1,140.00	
	Alcohol	GC	1,800.00	
	Ash	AOAC	550.00	
	Ethanol/Methanol	GC	1,800.00 1st analyte	
			+600.00 add'l analyte	
	Fusel Oil	GC	1,800.00	
	Higher Alcohol & Ethly Acetate	AOAC	1,800.00 1st analyte	
			+600.00 add'l analyte	
	Specific Gravity	AOAC	500.00	
	Total Aldehydes	AOAC	600.00	
	Total Acidity (for wines as Tartaric, Malic or Citric)	AOAC	560.00	



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Ethyl Alcohol	Acetone	GC	1,800.00	200 mL
	Benzene	GC	1,800.00	200 mL
	Purity	GC	1,800.00	200 mL
	Fusel Oil & Amyl Alcohol	GC	1,800.00	200 mL
Organic Solvent and Chemicals	Density	ASTM	480.00	200 mL
	Acidity	ASTM D1613	840.00	200 mL
	Water Miscibility	ASTM D1722	480.00	200 mL
	pH	ASTM E 70	360.00	200 mL
	Purity	GC	1,800.00	200 mL
	Residue on Evaporation	ASTM D 1353	720.00	200 mL
	Refractive Index	Refractometric Method	400.00	200 mL
	Viscosity (Brookfield)	ASTM	840.00	500 mL
	Flash Point, TCT	ASTM	700.00	300 mL
Disinfectant	Benzalkonium Chloride content	USP	1,200.00	200 mL
	Viscosity (Brookfield)	ASTM	840.00	1L
	pH	ASTM E 70	400.00	200 mL
Toilet Soap/Laundry Soap	Moisture & Volatile Matter	PNS	720.00	200 g
	Total Matter Insoluble (alcohol+NaCl)	PNS	1,320.00	200 g
	Free Alkali (as NaOH or Na ₂ O)	PNS	720.00	200 g
	Matter insoluble in Water	PNS	720.00	200 g
	If requested alone	PNS	1,080.00	200 g
	Anhydrous soap	PNS	1,440.00	200 g
Other Test	FTIR Scan	FTIR	620.00	
	Viscosity (Brookfield)	ASTM	840.00	1L
	pH	ASTM E 70	360.00	200 mL
Toilet Soap/Laundry Soap	Moisture & Volatile Matter	PNS	720.00	200 g
	Total Matter Insoluble (alcohol+NaCl)	PNS	1,320.00	200 g
	Free Alkali (as NaOH or Na ₂ O)	PNS	720.00	200 g
	Matter insoluble in Water	PNS	360.00	200 g
	If requested alone	PNS	1,080.00	200 g
	Anhydrous soap	PNS	1,440.00	200 g
Other Test	FTIR Scan	FTIR	590.00	



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Water (Deepwell, Spring, Distilled, Deionized, Bottle) and Wastewater (Effluent, Influent)	Acidity as CO ₂	Titrimetry	500.00	Not less than 6L
	Alkalinity as CaCO ₃	Titrimetry	500.00	
	Aluminum	GF-AAS	1,500.00	
	Arsenic	HVG-AAS	1,500.00	
	Anions	IC	1,100.00	
	(F, Cl, NO ₂ , Br, NO ₃ , PO ₄ , SO ₄)		(1 st analyte)	
	Succeeding ions		800.00	
	Bicarbonates	Titrimetry	500.00	
	Cadmium	AAS	1,200.00	
	Cadmium	GF-AAS	1,500.00	
	Calcium	AAS	1,200.00	
	Calcium	EDTA Titration	700.00	
	Chloride	Argentometric titration	750.00	
	Chlorine (Residual)	Iodometric	750.00	
	Chromium	AAS	1,200.00	
	Chromium	GF-AAS	1,500.00	
	Color	Platinum Standard	700.00	
	Conductivity	Electrical Conductivity Method	350.00	
	Copper	AAS	1,200.00	
	Copper	GF-AAS	1,500.00	
	Extractable Chloride	Titrimetry(Argentometric)	1,000.00	
	Extractable Ions	IC	1,100.00	
	Iron	AAS	1,200.00	
	Iron	GF-AAS	1,500.00	
	Lead	AAS	1,200.00	
	Lead	GF-AAS	1,500.00	
	Magnesium	AAS	1,200.00	
	Magnesium	EDTA-By difference	700.00	
	Manganese	AAS	1,200.00	
	Manganese	GF-AAS	1,500.00	
	Mercury	Cold Vapor AAS	1,500.00	
	Mercury	CV-AFS	1,550.00	
	Nickel	AAS	1,200.00	
	Nickel	GFAAS	1,500.00	
	Nitrogen (Ammonia-Nitrogen)	Distillation/Titration	850.00	
	Nitrogen (Organic)	Kjeldahl Titration	950.00	
	pH	pH Potentionetry	350.00	
	Phosphorus	Colorimetry	700.00	
	Potassium	AAS/Flame Emission	1,200.00	
	Silica	Gravimetry	800.00	
	Silicon	UV-Vis	800.00	
	Silver	AAS	800.00	
	Sodium	AAS/Flame Emission	1,200.00	
	Sulfate	Turbidimetry/Gravimetry	850.00	
	Total Hardness	EDTA Titration	700.00	
	Total Dissolved Solids	Gravimetry	600.00	
	Total Suspended Solids	Gravimetry	650.00	
	Total Solids	Gravimetry	700.00	
	Turbidity	Turbidimetry	300.00	
	Zinc	GF-AAS	1,500.00	
	Zinc	AAS	1,200.00	



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**CHEMISTRY LABORATORY
INORGANIC CHEMISTRY SECTION**

SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (PhP)	SAMPLE REQUIREMENT
Pipes (uPVC, etc.)	Extractable Pb (First and Third Extraction)	GF-AAS	6,400.00	3 pcs sample if diameter ≥ 5 cm length – 0.5m 6 pcs sample if diameter < 5 cm length – 1m (Max diam accepted = 10 cm) Sealed at one end
Ceramics and Plastic Containers for Foodstuff	Extractable Metals	GF-AAS	2000 per element	at least 100mL
Toys and Other Related Materials	Extractable Metals	GF-AAS	1800 per element	at least 100mL
Chemical/Reagents KOH – Caustic potash NaOH – Caustic Soda NaHCO ₃ – Baking Soda NaHCO ₃ – tartaric acid + baking powder Na ₂ CO ₃ – Soda ash	Arsenic Assay Chloride Heavy Metals as Pb Insoluble Residue pH (liquid) Specific Gravity, Hydrometer Specific Gravity, Pycnometer Sulfate Trace Metals	Mercuric Bromide Stain HVG-AAS Titrimetry Titrimetry Colorimetry Gravimetric ASTM E70 ASTM D891 ASTM D891 Turbidimetry AAS (Std addition)	800.00 1,500.00 650.00 700.00 800.00 600.00 400.00 300.00 500.00 850.00 1,200.00 per element	For powder sample – 100g For liquid sample – 100mL
Bleaching Powder/ Solution, Detergents, Sodium/Calcium Hypochloride	Available Chlorine Alkalinity	ASTM D2022 ASTM D2022	700.00 650.00	For powder sample – 100g For liquid sample – 100mL
Plating Solution	Metals (Ag, Au, Cd, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Zn, etc)	AAS	880.00 per metal	at least 100mL
Powder Granules	Bulk/Packed Density pH Sieve Analysis (one mesh) Sieve Analysis (succeeding mesh)	ASTM C110 pH Potentiometry ASTM C110 ASTM C110	450.00 400.00 400.00 230.00	at least 500g
Salt/Sodium Chloride	Complete Chemical Analysis (NaCl, Moisture, Water Insolubles, Ca, Mg, SO ₄) Acid Insolubles Calcium Iodine (as received) Magnesium Moisture Assay, NaCl (as received) Sulfate Water Insolubles	AOAC 925.55 AOAC 925.55 ASTM E534 AOAC 925.56 ASTM E534 AOAC 925.55 Argentimetric Titration AOAC 925.55 AOAC 925.55	5,000.00 600.00 700.00 700.00 700.00 650.00 700.00 800.00 600.00	at least 250g 1 kg sample for Complete Chemical Analysis
Soil, Sediments, Sludge	Arsenic Metals (Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, P, K, Na, Zn)	HVG AAS AAS	1,500.00 1,000.00 per element	at least 250g



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SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (Php)	SAMPLE REQUIREMENT
Clay and Related Materials, Pozzolan Cement/Perlite/Zeolite/Refractories/ Fly Ash Sand/Silica Sand (99.9 % SiO₂) Diatomaceous Earth (77% SiO₂) Rice Hull (90% SiO₂) Ceramics/Glass Borosilicate glass	Complete Chemical Analysis (SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , TiO ₂ , CaO, MgO, Na ₂ O, K ₂ O, LOI)	JISM 5584	6,500.00	at least 250g
	Alumina	JISM 5584	850.00	
	Calcium Oxide	JISM 5584	800.00	
	Iron Oxide	JISM 5584	850.00	
	Loss on Ignition	JISM 5584	700.00	
	Magnesium Oxide	JISM 5584	1,100.00	
	Moisture	JISM 5584	600.00	
	Potassium Oxide	JISM 5584	800.00	
	Silica	JISM 5584	1,070.00	
	Sodium Oxide	JISM 5584	800.00	
	Titania	JISM 5584	800.00	
	Manganese Oxide	AAS	900.00	
	Boron Oxide	Titrimetry ASTM 169-92	1,500.00	
Limestone (CaCO₃), Quicklime (CaO), Hydrated Lime (Ca(OH)₂), Scales, etc. Calcite -CaCO₃ Lime – CaO (apog)	Complete Chemical Analysis (SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, LOI)	ASTM C25	4,500.00	at least 250g
	Alumina	ASTM C25	1,310.00	
	Available Lime Index	ASTM C25	500.00	
	Calcium Oxide	ASTM C25	650.00	
	Iron Oxide	ASTM C25	800.00	
	Loss on Ignition	ASTM C25	600.00	
	Magnesium Oxide	ASTM C25	1,100.00	
	Moisture	ASTM C25	600.00	
	Potassium Oxide	ASTM C25	800.00	
	Sodium Oxide	ASTM C25	800.00	
	Silica	ASTM C25	1,320.00	
	Phosphorous Pentoxide, (P ₂ O ₃)	ASTM C25	1,310.00	
Gypsum (CaSO₄.2H₂O) and Gypsum Products,	Complete Chemical Analysis (CaSO ₄ .2H ₂ O, CaSO ₄ , SiO ₂ and Insoluble, R ₂ O ₃ , CaO, MgO, SO ₃)	ASTM C471	6,500.00	at least 250g
	Aluminum Oxide	ASTM C471	805.00	
	Anhydrite (CaSO ₄)	ASTM C471	800.00	
	Calcium Oxide	ASTM C471	800.00	
	Combined Water	ASTM C471	750.00	
	Free Water	ASTM C471	500.00	
	Iron and Aluminum Oxides (mixed oxides)	ASTM C471	700.00	
	Iron Oxide	ASTM C471	850.00	
	Magnesium Oxide	ASTM C471	1,100.00	
	Purity as CaSO ₄ .2H ₂ O	ASTM C471	800.00	
	Silica and Insoluble Matter	ASTM C471	800.00	
	Sodium Chloride	ASTM C471	500.00	
	Sulfate/Sulfur Trioxide	ASTM C471	930.00	
Boiler Scale	Moisture	Tech. Method of Analysis by Griffin	600.00	100-150 g
	Organic & Volatile Matter		650.00	
	Silica		1,320.00	
	Iron & Aluminum Oxide		1,320.00	
	Lime (CaO)		650.00	
	Magnesia (MgO)		1,100.00	
	Sulfur Trioxide		930.00	
	Chloride		700.00	
Fertilizers and Related Materials Organic Fertilizer	Phosphate		800.00	
	Micronutrients (Ca, Cu, Fe, Mg, Mn, Ni, Zn)	AAS	1,200.00 per element	For solid sample—at least 200g For liquid sample—at least 200mL
	Moisture	AOAC	600.00	
	Nitrogen	Kjeldahl Titration	1000.00	
	Phosphorus	Colorimetry	1,000.00	
	Potassium	AAS	1,000.00	



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INORGANIC CHEMISTRY SECTION**

SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (Php)	SAMPLE REQUIREMENT
Cement (Hydraulic, Portland) Aggregates	Complete Chemical Analysis (SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , TiO ₂ , CaO, MgO, SO ₃ , LOI, Insoluble Residue)	ASTM C114	5,800.00	at least 250g
	Alumina	ASTM C114	850.00	
	Silica	ASTM C114	800.00	
	Calcium Oxide	ASTM C114	800.00	
	Insoluble Residue	ASTM C114	700.00	
	Iron Oxide	ASTM C114	850.00	
	Loss on Ignition	ASTM C114	700.00	
	Magnesium Oxide	ASTM C114	1,100.00	
	Potassium Oxide	ASTM C114	800.00	
	Sodium Oxide	ASTM C114	800.00	
	Sulfate/Sulfur Trioxide	ASTM C114	930.00	
	Titania	ASTM C114	800.00	



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PHYSICAL AND PERFORMANCE TESTING LABORATORIES

SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (PhP)	SAMPLE REQUIREMENT
Sacks	Breaking Strength			3 pieces of whole sack per sample
	One Way	ASTM D5034	600.00	
	Other Way	ASTM D5034	600.00	
	Bursting Strength	ASTM D3786	450.00	
	Fabric Count			
	One Way	ASTM D3775	200.00	
	Other Way	ASTM D3775	200.00	
Duty Free Shopping bag	Required Test	ASTM D882		20 Bags/Size
	Tensile / Elongation	ASTM D882	600.00	
	Tear Strength	ASTM D1004	600.00	
	Sealing Strength	ASTM D882	600.00	
	Handle Performance	ASTM D882	600.00	
	Thickness		200.00	
	Sample Conditioning	ASTM D618	1,500.00	
Perlite Insulation	Density	ASTM C303	350.00	200mm x 100mm x 50mm, 5 pcs
	Moisture content	ASTM C610 sec 11.1.7	350.00	150mm x 150mm x 50mm, 5 pcs
	Conditioning (Oven & 24 Hr. @ 23 C , 50% RH)		1,000.00	
	Flexural Strength	ASTM C203	600.00	12 in x 4 in x 1 in , 5 pcs
	Compressive Strength	ASTM C165	600.00	4 in x 6 in x ½ in , 5 pcs
PVC Pipes	Resistance to Acetone	ISO 3472	250.00	5 pcs (100mm x 25 mm)
	Resistance to H2SO4 for 14 days days @ 55°C	ISO 3473	9,400.00	5 pcs (area / pc 45 ± 3 cm3) (for 3 size additional)
	Longitudinal Heat Reversion Test	ISO 2505	350.00	5 pcs (L = 200 mm)
	Vicat Softening Point	ISO 2507	1,000.00	5 pcs (L = 50 mm , W = 10 to 20mm , t= 2.4 to 6 mm) (if t= 2.4 mm , use two layers of at least t=2.4 total. Thickness)
	Water Absorption	ISO 2508	1,000.00	5 pcs (area / pc 50 cm2 for pipes w/ 32 mm OD or L = 5 cm and arc 5 cm for pipes with OD > 32 mm)
	Flattening Test	ASTM D2241	1,000.00	5 pcs. (L = 2 inches
	Resistance of External Blows (Drop Impact)	ISO 3127	1,500.00	pcs. (L= 10 inches)
	Hydrostatic Test	ISO 1167	1,500.00	250mm + 3x O.D + 100 mm, 5 pcs pipe
Rubber Products	Aging Test	ASTM D573		Same as Tensile & tear Resistance Test
	22 h		1,100.00	
	48 h		2,400.00	
	70 h		3,500.00	
	72 h		3,600.00	
	96 h		4,800.00	
	100 h		5,000.00	
	168 h		8,400.00	
	336 h		16,800.00	



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SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (PhP)	SAMPLE REQUIREMENT
	Compression Set	ASTM D395	1,000.00	5 pieces , cylindrical disk type, 1" diameter @ 12 mm Thickness
	Density / Specific gravity	ASTM D792	450.00	50 grams , granule, pellets , solids 1mm thickness /1gram
	Durometer Hardness	ASTMD2240 ISO 868 vol.1	250.00	2 pieces flat surface 10 x 10 cm , t=6mm min
	Tensile Strength & Elongation	ASTM D412	600.00	2 sheets , 305mm x 305mm x t mm (1.3 ≤ t ≤ 3)
	Tear Resistance	ASTM D624	600.00	
	Sampling Fee		150.00/ test	
	Abrasion Resistance	ASTM D4060	1,500.00	4" x 4" , 1/8 "t or less, 5 pcs
Plastic Products	Chemical Immersion Test	ASTM D543	350.00	50mm L x 25.4mm W, 5 pcs
	Compression (W x H x L)	ASTM D695	600.00/ 1,000.00	½ "x ½ " x 2 , 5 pcs
	Flexural Strength	ASTM D790	600.00/ 1,000.00	5 pieces , smooth flat surface , L=16 x thickness +20mm Depth = 13mm , Width 3 to 13mm
	Water Absorption	ASTM D570	350.00	50mmL x 25.4mm W, 5 pcs
	Tension Test	ASTM D638/ D882	600.00/ 1,000.00	5 pieces dumbbell shape , or W= 10 mm to 25.4 mm (15mm Preferably) L=125mm to 250 mm
	Heat Deflection Temperature	ASTM D648	1,000.00	5 pieces, smooth flat surface, L =127mm Width=13mm, Thickness= 3 to 13mm
	Vicat Softening Point	ASTM D1525	1,000.00	5 pcs (L = 50 mm , W = 10 to 20mm , t= 2.4 to 6 mm) (if t= 2.4 mm , use two layers of at least t=2.4 total Thickness)
	Izod Impact	ASTM D256	650.00	L=63.5 or 60.3mm, t=3.17 to 3.4 mm, W= 12.7 mm, 10 pcs
	Charpy Impact	ASTM 179	650.00	4.0 mm x 80 mm, 10 pcs
	Hardness Test	ASTM 2240	250.00	2 pieces flat surface 10 x 10 cm , t=6mm min
	Abrasion Resistance Test	ASTM D4060	2,000.00	4" x 4" 1/8"t or less 5 pcs
	Conditioning (at least 40 Hrs @ 23 +/- 2° C , 50 +/- 5 % RH)		1,000.00	
Epoxy	Compression	ASTM C356	600.00/ 1,000.00	2" x2 " x 2", 5 pcs
Plastic Resin	Melting point	ASTM D2117	300.00	100 grams (granules , pellets or powder
	Melt flow Rate	ASTM D1238	1,000.00	100 grams (granules , pellets or powder
	Density	ASTM D792	450.00	100 grams (granules , pellets or powder



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SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (PhP)	SAMPLE REQUIREMENT
PVC Powder	Bulk Density/Apparent Density	ASTM D1895	250.00	0.5 kilograms
Particle Board	Density	Philisa 106 / App.B/D		
	Block		350.00	5 pcs , 6 " x 6 "
	Pipe		350.00	1 pipe section
	Compression		600.00	5 pcs , 6 " x 6 "
	Flexural		600.00	5 pcs , 12 " L x 4 " W x 2 " T
	Water Absorption		350.00	5 pcs , 6 " x 6 "
	Linear shrinkage		400.00	5 pcs , 6 " x 6 "
Adhesive / Sealant	Peel strength	ASTM D903	600.00/ 1,000.00	10 pcs , 12 " L x 1 " W overlap by 6"
	Shear strength	ASTM D1002	600.00/ 1,000.00	10 pcs , 5 " L x 1 " W overlap by 1 "
	Sampling Fee	BS 3261	150.00	
Vinyl Tiles	Tension Test		600.00/ 1,000.00	10 pcs , 12 " x 12 "
	Resistance Test/ chemicals		350.00	
	Dimension Test		600.00	
	Size		200.00	
	Thickness		200.00	
	Width		200.00	
	Taber Abrasion	ASTM D4060	1,500.00	4 " x 4 " , 5 pcs
Joint Filler	Compression	ASTM D505	2,200.00	2 pcs , 12" x 12"
	Recovery Density			
	Water Absorption			
School and Office Supplies:				
Masking / Scotch / Packaging Tape	Adhesive Strength	PNS 712	1,000.00	3 rolls
Glue	Adhesive Strength	PNS 1800-2006	600.00	2 jar
Rubber Band	Tensile Strength / Elongation/ Dimensional Measurements	PNS 1479	600.00 200.00	1 box or 100 pcs
Ball Point Pens & Refills	Writing Performance	ISO 12757 – 2	400.00	10 pcs.
	Drying Time Test	PNS 558	400.00	
	Water resistance		350.00	
White Board Marker	Writing Performance	PNS 1227	400.00	15 pcs.
	Impact Resistance		600.00	
	Heat Resistance			
	Shaft Holding Force Point		600.00	
	Primary Erase ability		400.00	
Permanent Pen	Writing Performance	PNS 2049	400.00	15 pcs
	Impact Resistance		600.00	
	Shaft Holding Force Point		600.00	
	Drying Time		400.00	
	Resistance to Water		400.00	
Paper Fastener	Bend Test	PNS 235	400.00	10 pcs.
Chalk	Breaking Strength	PNS 1122	600.00	25 pcs.
Pencil	Breaking Strength	PNS 1413	600.00	10 pcs.
Lead for Mechanical Pencil	Bending Strength	PNS 1471 -3 (ISO 9177-3	600.00	12 pcs. Or 1 box
Crayons	Performance Test	PNS 1224	600.00	1 box
Adhesive Tape	Adhesive Strength	PNS 712	1,000.00	5 rolls
PVC Electrical Tape	Exposure to Heat 113°C (168 h)	PNS: 79	8,400.00	10 rolls
	Tension		600.00	
	Appearance		250.00	
	Peeling Off		600.00	
	Tension After heat Aging @ 100°C for 4 hr.		700.00	
Crane and other Lifting Equipment	Load Testing, 50 Tons & 200 Tons	ISO 4310	3,500.00	



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SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (PhP)	SAMPLE REQUIREMENT
Burned Refractory Brick	Bulk Density	ASTM C20-Sec 12	400.00	3 pcs, 50 mm cube
	Water Absorption		350.00	3 pcs 76.2 mm cube
Concrete Interlocking Roofing Tiles	Transverse	Philsa 242	400.00	6 pcs full size
	Water Absorption		350.00	
Concrete Hollow Block	Compression	ASTM C39	1,000.00	5pcs /size
Concrete Cylinder	Compression		1,000.00	3 pcs, 152.4 mm x 304 mm with capping
Wire Rod	Tension Test	ASTM A370	600.00	3 pcs, 13" L
	Flexural/Bend Test		600.00	5 pcs, 12" L
Hydraulic Cement Mortar	Compression	ASTM C109	1,000.00	3 pcs, min. 50 mm cube
Cement Powder	Permeability Test/ Fineness of Hydraulic Cement	ASTM C204	400.00	1 kg powder cement
	Initial & Final Setting of cement	ASTM C191	800.00	
Weathermeter	Exposure test	ASTM G155	6000.00/day	Tray size: 28" x 17.5"
	Observation		300.00/sample	



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**BIOLOGICAL LABORATORY
PHARMACOLOGY AND TOXICOLOGY SECTION**

SAMPLE NAME	TEST NAME	TEST METHOD	TEST FEE (Php)	SAMPLE REQUIREMENT
Plant Isolates/ Food Supplements	Approximate Lethal Dose	OECD Guideline 401	7,900.00	50 g
	Analgesic (Plantar)	Hargreaves Method	4,800.00	50 g
	Anti-inflammatory Test	Winter Method	4,200.00	50 g
	Diuretic Test	Lipschitz Method	3,800.00	50 g
	Acute Oral Toxicity (LD50)	OECD Guideline 401	20,000.00	500 g/1 L
Cosmetics	Preliminary Dermal Irritation	OECD Guideline 404	7,250.00	50 g
	Dermal Irritation	OECD Guideline 404	11,750.00	100 g
	Preliminary Eye Irritation	OECD Guideline 405	7,250.00	50 g
	Eye Irritation	OECD Guideline 405	11,750.00	100 g
	Dermal Sensitization (<i>Suspended</i>)	OECD Guideline 406	48,500.00	500 g/1 L
Pesticides	Acute Oral Toxicity (LD50)	OECD Guideline 401	42,500.00	1 L
	Acute Dermal Toxicity	OECD Guideline 402	52,500.00	1 L
	Dermal Irritation	OECD Guideline 404	20,000.00	1 L
	Eye Irritation	OECD Guideline 405	25,000.00	1 L
	Dermal Sensitization (<i>Suspended</i>)	OECD Guideline 406	48,500.00	1 L
Household Pesticides	Acute Oral Toxicity (LD50)	OECD Guideline 401	21,200.00	1 L
	Acute Dermal Toxicity	OECD Guideline 402	29,000.00	1 L
Aerosols, EC Fumigants, Insect Sprays	Knockdown and Mortality For Flying and Crawling Insects	Glass Cylinder Method	33,000.00	50g
Larvicides	Mosquito Larvicidal Test	Probit Method	23,000.00	50g
Lotion, Spray, Soap, Mothballs	Repellency Test for Mosquitoes	Arm in Cage Method	33,000.00	100 g
	Repellency Test for Cockroaches	Ebeling Method	33,000.00	100 g
Fumigants, Insect Spray, EC	Residual Activity Test	Cone Test Method	35,000.00	100 g
Mosquito Coil	Knockdown and Mortality For Flying and Crawling Insects	Glass Cylinder Method	33,000.00	25g
Plant extracts	Knockdown and Mortality Test	Glass Cylinder Method	7,500.00	50 g
	Mosquito Larvicides	Probit Method	6,840.00	100 g
	Repellency Test	Arm in Cage Method	7,500.00	100 g

Note: Fees are exclusive of laboratory animals and animal feeds.



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**BIOLOGICAL LABORATORY
MICROBIOLOGY SECTION**

SAMPLE NAME	TEST NAME	TEST FEE (Php)	TEST METHOD	SAMPLE REQUIREMENT
		Single Sample Testing		
Water	Bacteriological Examination A (HPC + Coliform Count)	1,100.00	Standard Methods for the Examination of Water and Wastewater (SMEWW) 22 nd Edition, 2012 APHA, AWWA, WEF	-At least 120 mL x 1 -FDA Requirement: At least 120 mL x 5 Sample Submission: Mondays, Tuesdays and Wednesdays 8:00 AM – 12:00 NN
	Bacteriological Examination B (HPC, Coliform Count + <i>E. coli</i> Count)	1,700.00		
	Bacteriological Examination C (HPC, Coliform Count + Fecal Coliform Count)	1,200.00		
	Bacteriological Examination D (Total Coliform Count+ Fecal Coliform Count)	650.00		
	Heterotrophic Plate Count (HPC)	550.00		
	Total Coliform Count	550.00		
	<i>E. coli</i> Count	1,000.00		
	<i>Pseudomonas</i> sp. Count	900.00		
Food, Cosmetics, Extracts, Veterinary Products etc.	Aerobic / Total / Standard Plate Count	550.00	Bacteriological Analytical Manual, Online 2001 US Food and Drug Administration	-At least 100 g/mL x 1 -FDA Requirement: At least 100 g/mL x 5
	Total Coliform Count	550.00		
	<i>E. coli</i> Count	1,000.00		
	Molds and Yeast Count	550.00		
	<i>Salmonella</i> sp. Detection, Presumptive (Conventional)	900.00		
	<i>Staphylococcus aureus</i> Count	1,200.00		
	<i>Pseudomonas</i> sp. Count	720.00		
Plant Extracts, Cosmetics, Disinfectants etc.	Commercial Sterility (Low acid, pH more than 4.6)	2,000.00	The US Pharmacopeia 30 NF 25, 2007 (Disc Diffusion Method)	-At least 50 mL Test depends on the availability of cultures especially fungal cultures
	Antimicrobial Activity (<i>E. coli</i> , <i>S. aureus</i> , <i>P. aeruginosa</i> , <i>S. typhimurium</i> , <i>B. subtilis</i>)	600.00		
	Antifungal Activity (<i>S. cerevisiae</i> , <i>C. albicans</i> , <i>A. niger</i> , <i>F. moniliforme</i> , <i>T. mentagrophytes</i> , <i>T. rubrum</i> , <i>Microsporum canis</i>)	600.00		
Culture Media	Media Quality Control – Growth Promoting and Inhibitory Properties	1,600.00	The US Pharmacopeia 30 NF 25, 2007	-6 Plates / Test tubes of prepared media Test is not available for all types of media

Turn around time: Under normal conditions, Report of analysis is available two weeks from the date of submission. This maybe extended due to high volume of samples being analyzed at the time of submission.