



LAB CAPABILITY and PRICELIST

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AGRI ANALYSES

Date: December 20, 2018
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COMMODITY

PARAMETER

SCHEME

METHOD

MINIMUM
DETECTION
LIMIT (MDL)

SAMPLE SIZE

RATE
(PHP)

TAT
(working
day)

ANTIBIOTICS/ DRUGS			Chromatography (P-LAB-035- INSTRU)				
	Chlortetracycline HCl (CTC)	HPLC	High Performance Liquid Chromatography (P-LAB-016- INSTRU)	0.080 ppm	50 grams		7
	Oxytetracycline (OTC)	HPLC	High Performance Liquid Chromatography (P-LAB-016- INSTRU)	0.080 ppm	50 grams		7
	Sulfamethazine	HPLC	High Performance Liquid Chromatography (P-LAB-017- INSTRU)	0.10 ppm	50 grams		7
	Chloramphenicol (CAP)	HPLC	High Performance Liquid Chromatography (P-LAB-036- INSTRU)	0.004 ppm	50 grams		7
	Ivermectin	HPLC	High Performance Liquid Chromatography (In-house Method Based on USP 31 NF 26)	0.049 ppm	50 grams		7
	Chloramphenicol (CAP)	LC-MS/MS	In-house method (P-LAB-205-INSTRU) by LC-MS/MS Technique	0.05 µg/kg	1000 grams		7
	Nitrofurantol Metabolites: (AMOZ, AOZ, AHD, SEM)	LC-MS/MS	In-house method (P-LAB-206-INSTRU) by LC-MS/MS Technique	0.1 µg/kg	1000 grams		7
	Malachite and Leuconalchite Green		In-house method (P-LAB-207-INSTRU) by LC-MS/MS Technique	0.3 µg/kg	1000 grams		7

Note: All fees are subject to applicable government tax

SCHEDULE OF FEES (FEEDS and FEED INGREDIENTS)

Effective March 1, 2018

Analysis using Near Infra-Red Reflectance (Rice Bran D1, Copra, Yellow Corn, Hard and Pollard, DDGS, US Soya, Feed Wheat)		
Analyte	Turn Around Time (TAT)	Rate, Php Inclusive of VAT
Ash	2 hours	235.20
Calcium (for Limestone only)	2 hours	428.95
Crude Fat	2 hours	298.00
Crude Fiber	2 hours	303.25
Crude Protein	2 hours	336.00
Moisture	2 hours	191.00
Protein Solubility (for US Soya only)	2 hours	434.00
Urease Activity (for US Soya only)	2 hours	275.50

Proximate Analysis Using Wet/Standard Method			
Analyte	Method	Turn Around Time (TAT)	Rate, Php Inclusive of VAT
Ash	Gravimetric	2 days	300.00
Crude Fat	Soxhlet	3 days	350.00
Crude Fiber	Weende Method	3 days	600.00
Crude Fiber	Fiber Bag System	3 days	600.00
Crude Protein	Dumas Combustion	2 days	620.00
Crude Protein	Semi-micro Kjeldahl Distillation	2 days	460.00
Moisture	Air-Oven Drying	2 days	265.00
Moisture	Infra-red Drying	1 day	220.00
Moisture	DOLE Moisture Meter-Quick Test	15 mins	105.00

Analysis of Fats and Oils			
Analyte	Method	Turn Around Time (TAT)	Rate, Php Inclusive of VAT
Acetone Insoluble Matter (Lecithin Oil)	Gravimetric	2 days	600.00
Free Fatty Acid (Oil)	Titrimetric	5 hours	266.00
Free Fatty Acid (Powdered Fat)	Titrimetric	2 days	766.00
Iodine Value	Titrimetric	1 day	465.00
Peroxide Value	Titrimetric	1 day	465.00
Rancidity Test	Qualitative	1 day	405.00
Saponification Value	Titrimetric	1 day	425.00
Sodium	Acid Digestion-AAS	5 days	1,000.00

Turn Around Time = based on 5 working days (analysis only)
 Rush analysis with 20% surcharge
 Price is subject to change without prior notice

SCHEDULE OF FEES (FEEDS and FEED INGREDIENTS)

Effective March 1, 2018

Metals and Minerals				
Analyte	Method	Turn Around Time (TAT)		Rate, Php Inclusive of VAT
		Regular	Rush	
Arsenic	Acid Digestion-AAS	7 days	5 days	1,200.00*
Barium	Acid Digestion-AAS	4 days	3 days	800.00*
Cadmium	Acid Digestion-AAS	5 days	3 days	660.00*
Calcium	Acid Digestion-AAS	4 days	3 days	660.00*
Calcium	Titrimetric	4 days	3 days	630.00
Chromium	Acid Digestion-AAS	4 days	3 days	900.00*
Cobalt	Acid Digestion-AAS	4 days	3 days	660.00*
Copper	Acid Digestion-AAS	4 days	3 days	660.00*
Iron	Acid Digestion-AAS	4 days	3 days	660.00*
Lead	Acid Digestion-AAS	5 days	4 days	1,160.00*
Magnesium	Acid Digestion-AAS	4 days	3 days	660.00*
Manganese	Acid Digestion-AAS	4 days	3 days	660.00*
Mercury	Mercury Analyzer	7 days	5 days	1,500.00*
Nickel	Acid Digestion-AAS	4 days	3 days	950.00*
Potassium	Acid Digestion-AAS	4 days	3 days	660.00*
Selenium	ICP-OES	7 days	5 days	1,800.00*
Sodium	Acid Digestion-AAS	4 days	3 days	660.00*
Tin	ICP-OES	7 days	5 days	1,800.00*
Zinc	Acid Digestion-AAS	4 days	3 days	660.00*

Remark/s:

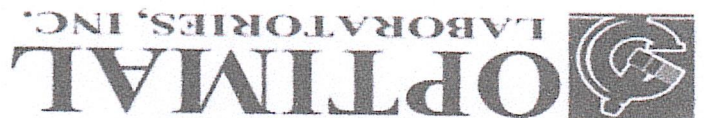
* - plus Php500.00 sample preparation fee (per sample)

Vitamins				
Analyte	Method	Turn Around Time (TAT)		Rate, Php Inclusive of VAT
		Regular	Rush	
Ascorbic Acid (Vitamin C)	HPLC	5 days	3 days	3,140.00
Betacarotene	HPLC	7 days	4 days	3,140.00
Vitamin A (Retinol)	HPLC	5 days	3 days	3,718.40
Vitamin B1 (Thiamine HCl)	HPLC	5 days	3 days	3,140.00
Vitamin B2 (Riboflavin)	HPLC	5 days	3 days	3,140.00
Vitamin B3 (Niacin/ Nicotinic Acid)	HPLC	5 days	3 days	3,140.00
Vitamin B5 (Calcium pantothenate/ Pantothenic acid)	HPLC	5 days	3 days	3,140.00
Vitamin B6 (Pyridoxine HCl)	HPLC	5 days	3 days	3,140.00
Vitamin B9 (Folic acid)	HPLC	5 days	3 days	3,140.00

Turn Around Time = based on 5 working days (analysts only)

Rush analysts with 20% surcharge

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SCHEDULE OF FEES (FEEDS and FEED INGREDIENTS)

Effective March 1, 2018

Vitamin B12 (Cyanocobalamin)	HPLC	5 days	3 days	3,140.00
Vitamin D3 (Calciferol)	HPLC	5 days	3 days	3,718.40
Vitamin E (Tocopherol)	HPLC	5 days	3 days	3,718.40
Vitamin H (Biotin)	HPLC	5 days	3 days	4,600.00
Vitamin K3 (Menadione)	HPLC	5 days	3 days	3,718.40

Antibiotics / Antioxidants / Pesticides

Analyte	Method	Turn Around Time (TAT)		Rate, Php Inclusive of VAT
		Regular	Rush	
Amoxicillin	HPLC	5 days	3 days	3,140.00
Butaphosphan	HPLC	5 days	3 days	3,140.00
ButylHydroxyAnisole (BHA)	HPLC	5 days	3 days	3,600.00
ButylHydroxytoluene (BHT)	HPLC	5 days	3 days	3,600.00
Carbamate	HPLC	5 days	3 days	3,140.00
Chlortetracycline	HPLC	5 days	3 days	3,140.00
Coumaphos	HPLC	5 days	3 days	3,140.00
Doxycycline	HPLC	5 days	3 days	3,140.00
Enrofloxacin	HPLC	5 days	3 days	3,140.00
Ethoxyquin	HPLC	5 days	3 days	3,600.00
Febantel	HPLC	5 days	3 days	3,160.00
Flortenicol	HPLC	5 days	3 days	3,140.00
Ivermectin	HPLC	5 days	3 days	3,140.00
Lincomycin	HPLC	5 days	3 days	3,600.00
Norfloxacin	HPLC	5 days	3 days	3,600.00
Oxytetracycline	HPLC	5 days	3 days	3,140.00
Penicillin G	HPLC	5 days	3 days	3,140.00
Penicillin VK	HPLC	5 days	3 days	3,140.00
Phoxime	HPLC	5 days	3 days	3,140.00
Praziquantel	HPLC	5 days	3 days	3,140.00
Propoxur	HPLC	5 days	3 days	3,160.00
Ractopamine HCl	HPLC	5 days	3 days	3,140.00
Sulfadiazine	HPLC	5 days	3 days	3,140.00
Sulfadimethoxine	HPLC	5 days	3 days	3,140.00
Sulfamethazine	HPLC	5 days	3 days	3,140.00
Sulfamethoxazole	HPLC	5 days	3 days	3,140.00
Tiamulin	HPLC	5 days	3 days	3,190.00
Trichlorfon	HPLC	5 days	3 days	3,140.00
Trimethoprim	HPLC	5 days	3 days	3,140.00
Tylosin	HPLC	5 days	3 days	3,160.00

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Effective March 1, 2018

Other Analysis

Analyte	Method	Turn Around Time (TAT)			Rate, Php Inclusive of VAT
		Regular	Rush		
Acid Insoluble Ash (Silica)	Gravimetric	4 days	3 days		500.00
Brix	Refractometry	30 mins	-		206.00
Buffering Capacity	Potentiometric	3 days	1.5 days		650.00
Calcium Solubility	Gravimetric	3 days	2 days		484.00
Carbohydrates	By computation (Proximate Analysis)	4 days	2 days		2,135.00
Cation Exchange Capacity (CEC)	Titrimetric	3 days	2 days		911.00
Feed Microscopy	Microscopy	1 hour	-		150.00
Fluorine	Ion-Selective Electrode	3 days	2 days		863.00
Lactose	Colorimetric-UV-Vis	3 days	2 days		550.00
Pepsin Digestibility	Pepsin Digestion, Semi-micro Kjeldahl Distillation	5 days	3 days		825.00
pH	Electrometric	1 day	-		325.00
Phosphorus	Colorimetric-UV-Vis	3 days	2 days		630.00
Protein Solubility	Saponification with KOH; Semi- micro Kjeldahl Distillation	4 days	2 days		700.00
Salt (NaCl)	Titrimetric	3 days	1 day		650.00
Starch	Colorimetric-UV-Vis	3 days	2 days		865.00
Urease Activity	Caskey and Knapp	2 days	1 day		300.00

Purity Test

Analyte	Method	Turn Around Time (TAT)			Rate, Php Inclusive of VAT
		Regular	Rush		
Acetic Acid	Titrimetric	4 days	2 days		725.00
Ascorbic Acid	Titrimetric	4 days	2 days		1,500.00
Calcium Acetate	Acid Digestion-AAS	4 days	2 days		1,160.00
Calcium Formate	Acid Digestion-AAS	4 days	2 days		1,160.00
Calcium propionate	Acid Digestion-AAS	4 days	2 days		1,160.00
Choline Chloride	Gravimetric	4 days	2 days		1,000.00
Citric Acid	Titrimetric	4 days	2 days		966.00
Copper Sulfate	Titrimetric	3 days	1 day		590.00
Dimagnesium Phosphate	Acid Digestion-AAS	4 days	2 days		1,160.00
DL-Methionine	Dumas Combustion	2 days	1 day		620.00
Ferrous Sulfate	Acid Digestion-AAS	4 days	3 days		1,160.00
Fumaric Acid	Titrimetric	2 days	1 day		1,220.00
Hydrocyanic Acid	Titrimetric	5 days	3 days		1,000.00
Identification (Purity)	Titrimetric	4 days	2 days		966.00

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Iodine	Titrimetric	4 days	2 days	900.00
Lactic Acid	Titrimetric	2 days	1 day	1,220.00
Lysine	Dumas Combustion	2 days	1 day	620.00
Lysine HCl	Dumas Combustion	2 days	1 day	620.00
Lysine Sulfate	Dumas Combustion	2 days	1 day	620.00
Magnesium Oxide	Titrimetric	3 days	1 day	590.00
Magnesium Sulfate	Titrimetric	3 days	1 day	590.00
Potassium Chloride	Titrimetric	3 days	1 day	650.00
Potassium Iodide	Titrimetric	3 days	1 day	590.00
Propionic Acid	Titrimetric	4 days	3 days	1,000.00
Sodium Bicarbonate	Titrimetric	4 days	3 days	660.00
Sodium Butyrate	Titrimetric	4 days	3 days	660.00
Sodium Hypochlorite	Titrimetric	4 days	3 days	660.00
Sodium Propionate	Titrimetric	5 days	4 days	660.00
Sodium Selenite	Titrimetric	4 days	4 days	660.00
Threonine	Dumas Combustion	2 days	1 day	620.00
Tricalcium Phosphate	Acid Digestion-AAS	3 days	2 days	966.00
Tryptophan	Dumas Combustion	2 days	1 day	620.00
Zinc Oxide	Titrimetric	2 days	1 day	590.00
Zinc Sulfate	Titrimetric	2 days	1 day	590.00

MICROBIOLOGICAL ANALYSIS				
Analyte	Method	Turn Around Time (TAT)	Rate, Php inclusive of VAT	
Escherichia coli (e.coli)	Conventional - MFT	3-9 days	1,000.00	
Mold Count	Spread Plate	5-7 days	748.00	
Pseudomonas aeruginosa		4-5 days	1,000.00	
S. aureus Count (coagulase positive)	Spread Plate	3-4 days	1,000.00	
Salmonella	Rapid Test	2 days	980.00	
Total Coliform Count	Pour Plate	3-5 days	550.00	
Total Plate Count	Pour Plate	3 days	700.00	
Yeast Count	Spread Plate	5-7 days	748.00	

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