Food Analytical Service Laboratory (FASL)

Food and Nutrition Research Institute-Department of Science and Technology
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SCHEDULE OF FEES (as of April 2013)

Chemical Analysis

Analyte	Method	Testing Fee (Php)
Moisture	Air Oven/ Vacuum Oven	300
Total Fat	Acid Hydrolysis	900
	Solvent Extn	700
Crude Protein	Kjeldahl	800
Ash	Gravimetric	450
Dietary Fiber	Enzymatic, AOAC	6,000
Total Carbohydrate & Energy	By computation from proximate analyses	Free
Sugar (total reducing)	Lane & Eynon[a]	900
Minerals	(sample preparation)	850
Sodium	AAS	750[c]
Potassium	AAS[a]	750[c]
Iron	AAS	750[c]
Calcium	AAS	750[c]
Zinc	AAS[a]	750[c]
Iodine	Titration (Salt)[a]	430
	Tech AA II (food[a]	2,500
	Tech AA II(water)[a]	1,000
Vitamin A	HPLC	3,000
B-carotene	HPLC[a]	3,300
Ascorbic acid	Titrimetric	1,155
	HPLC Method[a]	3,000
Fatty acids (Saturated)	GC (food)	2,700
	(oil)	1,800
Trans fat	GC (food)[a]	8,000
	(oil)[a]	7,000
Cholesterol	GC	2,750
Computation & Drafting of Nutrition Facts		1,500

[a] - Non-ISO
[b] - For Philippine FDA Registration (5 separate samples per food item)
[c] - Cost per additional analyte
With 10% discount for requests with more than 10 samples.

Physico-Chemical Analysis

Analyte	Method	Testing Fee (PhP)
pH (Vinegar, juice)	AOAC 981.12[a]	250
Titratable Acidity (TA) (Vinegar, juice)	AOAC 935.57[a]	450
Peroxide value (PV) (Oil)	AOAC 965.33[a]	500
Free Fatty Acid (Oil)	AOAC 940.28[a]	400
Color	Minolta[a]	270
	Munsell Book of Color[a]	100
Viscosity	Rheology[a]/Brookfield[a]	500
Water activity (A_W)	Novasina[a]	300
	AOAC 978.18[a]	200

Contaminants

Analyte	Method	Testing Fee (PhP)
Heavy Metals	(Sample preparation)	1,020
Arsenic	AAS[a]	900[c]
Mercury		900[c]
Cadmium		900[c]
Lead		900[c]

Weight of sample to be submitted:

A. For Nutrient/Non-nutrient
- Fresh/wet sample: 0.5-1.0 kg
- Liquid: 2 L
- Dry Sample: 0.3-0.5 kg

B. For Microbiology
- Food 250 g
- Beverage and Water 250 L

Duration of analysis:

- Micro, 5-10 working days.
  Acceptance of sample is from Mon.-Fri. except for water and perishable food items only from Mon.- Wed.
- Chem, Physico-chem & Contaminants, 2 weeks to 1 month

Microbiological Analysis

Analyte	Method	Testing Fee (PhP)
WATER		
Heterotrophic Plate Count and Total Coliform Count	APHA-AWWA 2005, 21st ed	980
Heterotrophic Plate Count, Total Coliform Count, and *E. coli* Count	APHA-AWWA 2005, 21st ed	1,580
FOOD		
Aerobic Plate Count	FDA BAM, 2001	500 1,500[b]
Total Coliform Count	FDA BAM, 2002	500 1,500[b]
E.coli Count (Includes Total Coliform Count)	FDA BAM, 2002	1,200 3,600[b]
Mold and Yeast Count	FDA BAM, 2001	500 1,500[b]
Salmonella sp.	FDA BAM, 2007	900 2,700[b]
Staphylococcus aureus	FDA BAM, 2001	600 2,500[b]
Bacillus cereus	FDA BAM, 2001	1,000 3,000[b]
Listeria monocytogenes	FDA-BAM, 2011[a]	2,200 6,600[b]

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