



FOOD



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	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
NUTRITIONAL LABELING (New FDA)	200g	\$800.00
<i>Complete nutritional label (Raw data plus Nutrition Facts Panel)</i>		
NUTRITIONAL LABELING OF PRODUCE		\$700.00
NUTRITIONAL LABELING OF ALCOHOL		\$850.00
NUTRITIONAL LABEL IN MEAT	200g	\$650.00
<i>Proximates, Minerals, Cholesterol, Fatty Acid Profile, Vitamin D</i>		
CANADIAN LABEL CONVERSION (From U.S. label)		\$30.00
NUTRITIONAL LABEL VIA DATABASE	Recipe	\$85.00
LABEL CHANGES		\$35.00
FP1: (In meats and non-meats)	50-100g	\$70.00
<i>Moisture, Protein, Fat</i>		
FP2: (In meats and non-meats)	50-100g	\$95.00
<i>Moisture, Protein, Fat, Salt</i>		
FP3: BASIC PROXIMATES	100g	\$80.00
<i>Moisture, Fat, Carbohydrates, Protein, Ash, Calories</i>		
FP4: BASIC MINERALS	100g	\$75.00
<i>Calcium, Iron, Sodium, Potassium</i>		
FP5: FATTY ACIDS/CHOLESTEROL (REQUIRES FAT)	20g	\$250.00
<i>Fatty Acid Profile, Cholesterol</i>		

SHELF LIFE TESTING (ACCELERATED & REAL TIME)

We provide completely customized Shelf Life studies using real time and accelerated shelf life techniques. We are also able to personalize shelf life studies by stressing your products and/or providing long term storage, offering you the most accurate shelf life assessment. By accelerating the aging of your product and coupling that with a real-time study, we can build models for transportation, storage, and ingredient blends. Please inquire at 402-334-7770



USP/FCC MONOGRAPHS

Below is pricing for the full monographs. If you do not need the entire monograph, we can run specific tests for reduced pricing. We do offer other monographs. Please inquire at 402-334-7770.

190 Ethanol	\$600.00
200 Ethanol	\$600.00
Acetone	\$500.00
Ammonium Hydroxide	\$450.00
Citric Acid	\$750.00
Duoprime	\$750.00
Glycerine	\$1000.00
Hydrogen Peroxide	\$400.00
Isopropyl Alcohol	\$350.00
Lactic Acid	\$700.00
Lecithin	\$850.00
Malic Acid	\$400.00
Mineral Oil	\$700.00
Oleic Acid	\$600.00
Propylene Glycol	\$750.00
Purified Water	\$200.00
Soybean Oil	\$1000.00
Triethyleneglycol TEG	\$350.00
White Oil	\$750.00

AMINO ACID PROFILE: (Requires Crude Protein) 20g ground **\$285.00**

Alanine, Histidine, Proline, Arginine, Isoleucine, Serine, Aspartic acid, Leucine, Threonine, Cystine, Lysine, Tryptophan, Glutamic acid, Methionine, Tyrosine, Glycine, Phenylalanine, Valine

FATTY ACID PROFILE (Requires Fat) 50g **\$185.00**

(includes Saturated, Mono and Polyunsaturated, Trans Fatty Acids, Omega 3, Omega 6, Omega 9)

CHOLESTEROL 100g **\$120.00**

GMO DETECTION (ddPCR) 100g

	Basic Screen	Event Specific
Corn	\$400.00	\$100.00
Alfalfa	\$175.00	\$100.00
Soy	\$295.00	\$100.00
Flax	\$175.00	\$100.00
Canola	\$175.00	\$100.00
Rice	\$175.00	\$100.00
Sugar Beets	\$175.00	\$100.00



MEAT SPECIATION (ddPCR)	100g	\$150.00/species
Sheep, Chicken, Goat, Beef, Pork, Turkey, Horse, Alligator, Bison, Kangaroo		
Any combination of two above species		\$225
Any combination of three above species		\$300
Any combination of four above species		\$375

SUGAR PROFILE (HPLC)	25g	\$100.00
Glucose, Fructose, Sucrose, Maltose and Lactose		

SUGAR ALCOHOL (HPLC)		
Glycerin (Glycerol)	25g	\$80.00
Xylitol	25g	\$250.00
Mannitol	25g	\$250.00
Sorbitol	25g	\$250.00
Lactitol	25g	\$250.00
Maltitol	25g	\$250.00

PESTICIDES

SUGGESTED SAMPLE SIZE (MINIMUM) FEE

ORGANOCHLORINE PESTICIDES 50g \$165.00

alpha-BHC, beta-BHC, Lindane (gamma-BHC), delta-BHC, Heptachlor, Aldrin, Heptachlor epoxide, alpha Chlordane, gamma Chlordane, pp-DDE, Endrin, Dieldrin, Endosulfan I (alpha), Endosulfan II (beta), pp-DDD, Endrin Aldehyde, Endosulfan Sulfate, pp-DDT, Endrin Ketone, Methoxychlor

ORGANOPHOSPHORUS PESTICIDES 50g \$165.00

Dichlorophos, Mevinphos, Dementon-S, Ethoprop, Naled, Sulfotep, Dimethoate, Phorate, Dementon-O, Diazinon, Disulfoton, Methyl parathion, Ronnel, Malathion, Chlorpyrifos, Fention, Parathion ethyl, TEPP, Trichloronate, Merphos, Tetrachlorvinphos, Tokuthion, Tribufos, Fensulfothion, Sulprofos (Bolstar), EPN, Azinphos-methyl, Coumaphos

NEUTRAL EXTRACTABLE PESTICIDES 50g \$165.00

EPTC (Eptam), Butylate, Propachlor, Deisopropylatrazine, Ethalfuralin, Desethyl atrazine, Trifluralin, Benfluralin, Phorate, Prometon, Simazine, Atrazine, Propazine, Terbufos, Fonofos, Triallate, Dimethenamid, Acetochlor, Metribuzin, Alachlor, Ametryn, Prometryn, Bromacil, Metolachlor, Chlorpyrifos, Cyanazine, Pendimethalin, Isophenphos, Butachlor, Oxadiazon, Hexazinone

All three pesticide screens \$300.00



METALS

CLASS I METALS – REFERENCES USP <233> 50g **\$140.00**

HUMAN CONSUMABLES, SUPPLEMENTS

Arsenic, Lead, Cadmium, Mercury

CLASS II METALS – REFERENCES USP <233> 50g **\$140.00**

HUMAN CONSUMABLES, SUPPLEMENTS

Chromium, Copper, Manganese, Molybdenum, Nickel, Palladium, Platinum, Vanadium, Osmium, Rhodium, Rubidium and Iridium.

TOTAL HEAVY METALS IN FOODS PACKAGE 50-100g **\$160.00**

Reports values for Arsenic, Mercury, Lead, Cadmium. Total heavy metals is a report of a sum of Arsenic, Lead, Cadmium, Tin, Copper, Silver, Molybdenum, Mercury, Antimony, Bismuth.

IODINE IN FOODS INCLUDING

SAMPLE PREPARATION 5g **\$82.00**

MERCURY (ICP-MS) INCLUDING

SAMPLE PREPARATION 25g **\$38.00**

VITAMINS

Vitamin A (as Beta Carotene) (natural) 20g **\$100.00**

Vitamin A (as Retinol)(added) 20g **\$100.00**

Vitamin B1 (Thiamine) 20g **\$110.00**

Vitamin B12 (Cyanocobalamin) 250g **\$125.00**

Vitamin B2 (Riboflavin) 250g **\$125.00**

Vitamin B3 (Niacin) 250g **\$125.00**

Vitamin B4 (Choline Chloride) 250g **\$125.00**

Vitamin B5 (Pantothenic Acid) 250g **\$125.00**

Vitamin B6 (Pyridoxine) 250g **\$125.00**

Vitamin B7 (Biotin) 250g **\$125.00**

Vitamin B9 (Folic) 250g **\$125.00**

Vitamin C (Ascorbic Acid) 20g **\$100.00**

Stay C 20g **\$100.00**

Vitamin D2 (Ergocalciferol) 250g **\$245.00**

Vitamin D3 (Cholecalciferol) 250g **\$245.00**

Vitamin E (Alpha) 250g **\$170.00**

Vitamin E (Beta) 250g **\$170.00**

Vitamin E (Delta) 250g **\$170.00**

Vitamin E (Gamma) 250g **\$170.00**

Vitamin E (Total Tocopherol) 250g **\$210.00**

ORGANIC ACIDS 50-100g **\$120.00**

Acetic, Butyric, Lactic & Propionic Acids



ALLERGENS

Egg	10g	\$75.00
Gluten	10g	\$75.00
Soy	10g	\$75.00
Milk	10g	\$75.00
Almond/Mandel	10g	\$100.00
Crustacean	10g	\$100.00
Hazelnut	10g	\$100.00
Lupine	10g	\$100.00
Macadamia	10g	\$100.00
Mustard	10g	\$100.00
Peanut	10g	\$100.00
Pecan	10g	\$100.00
Sesame	10g	\$100.00
Walnut	10g	\$100.00
Sulfite	50g	\$120.00

Others available upon request

***All allergens available as swab analysis. Please call for supplies.*

PROXIMATE COMPONENTS

Ash	20g	\$20.00
Fat (Acid Hydrolysis)	20g	\$35.00
Fat (Eggs)	20g	\$35.00
Fat (Cheese)	20g	\$45.00
Fat (Pet Ether Extraction)	20g	\$35.00
Moisture (Convection Oven)	20g	\$20.00
Moisture (Vacuum Oven)	20g	\$20.00
Moisture (Karl Fischer)	20g	\$35.00
Protein (Combustion)	10g	\$30.00
Protein (Kjeldahl)	10g	\$35.00

OXIDATION INDICATORS

Acid Value	50g	\$30.00
AOM/Oxidative Stability Index (OSI)	100g	\$85.00
Free Fatty Acid	25g	\$30.00
Hexanal	50g	\$80.00
Iodine Value	25g	\$50.00
p-Anisidine	50g	\$30.00
Peroxide Value	50g	\$30.00
TBA (Thiobarbituric Acid)	20g	\$60.00

FIBER

Fiber (Total Dietary)	50-100g	\$175.00
Soluble and Insoluble Fiber Breakdown	50-100g	\$300.00

CALCULATIONS

Moisture Protein Ratio	50-100g	\$50.00
Water Phase Salt	15g	\$55.00



VISCOSITY

Brookfield	500mL	\$60.00
Capillary	50-100mL	\$60.00
Kinematic	50mL	\$60.00
RVA testing (Rapid Visco Analyzer) (requires moisture)	25g	\$80.00

INDIVIDUAL ANALYSIS

Acid Insoluble Ash	50-100g	\$60.00
Alcohol	50mL	\$80.00
Arsenic	50g	\$40.00
BRIX	50g	\$40.00
Bulk Density	50-100g	\$15.00
Cadmium	50g	\$40.00
Caffeine (liquid only)	50-100g	\$125.00
Collagen	50mL	\$95.00
Filth	25g	\$90.00
Fluoride	50-100g	\$135.00
Gardner Color (oils)	50-100mL	\$25.00
Glycerin (glycerol)	50-100g	\$80.00
Hunter Color (solids)	50-100g	\$16.00
Hydroxyproline (Collagen)	50-100g	\$115.00
Iodine	5g	\$82.00
Lead	50g	\$40.00
Leak Detection	1 package	\$20.00
Lovibond Color – Red (oils)	50-100mL	\$20.00
Lovibond Color – Yellow (oils)	50-100mL	\$20.00
Melting Point	50-100g	\$75.00
Metals	See Environmental section pg 21	
Nitrate/Nitrite in Food Products	25g	\$70.00
Nitrate/Nitrite in Dairy Products	25g	\$70.00
Nitrite (in foods)	25g	\$70.00
Particle Sizing by Screen/Sieve	50g	\$25.00
Potassium Sorbate in Meats	50g	\$75.00
Peroxide Production	5g	\$15.00
pH	10g	\$10.00
Reducing Sugar	50-100g	\$100.00
Salt (Volhard Titration)	10g	\$35.00
Saponification Value	50-100g	\$50.00
Sensory Evaluation		\$25.00
Sensory Panel	\$10.00 per attribute per panelist	
Sodium Benzoate in Meats	50g	\$75.00
Sulfated Ash	20g	\$50.00
Sulfite	50-100g	\$120.00
Texture Analysis	20g	\$40.00
TBHQ	50g	\$110.00
Titrateable Acidity	50-100g	\$50.00
Water Activity	5g	\$25.00



MICROBIOLOGY

	SUGGESTED SAMPLE SIZE (MINIMUM)	FEE
Bacillus	25g	\$30.00
Clostridium perfringens	25g	\$20.00
Enterobacteriaceae	25g	\$20.00
Enterobacteriaceae	125g	\$25.00
Fecal Coliform	50-100g	\$20.00
GENERIC E. COLI		
3M Petrifilm™		\$20.00
MPN		\$25.00
USP		\$30.00
HEMORRHAGIC E. COLI (O157:H7)		
Lateral Flow	25g	\$25.00
Lateral Flow	375g	\$40.00
PCR	25-375g	\$40.00
LACTIC ACID BACTERIA		
Lactic Acid Bacteria (aerobic)	25g	\$20.00
Lactic Acid Bacteria (anaerobic)	25g	\$20.00
LISTERIA		
Lateral Flow	25g	\$20.00
PCR	25-1750g	\$40.00
MOLD		
FDA/BAM	25g	\$20.00
Mold USP	25g	\$20.00
Mold Count and Identification	25g	\$60.00
Pseudomonas	25g	\$20.00
SALMONELLA		
EU/ISO 6579	375g	\$125.00
Lateral Flow	25g	\$20.00
Lateral Flow	125g	\$30.00
Lateral Flow	375g	\$35.00
Lateral Flow	750g	\$50.00
PCR	25g	\$35.00
PCR	375g	\$40.00
USP	25g	\$50.00
VIDAS	25g	\$25.00
VIDAS	375g	\$35.00
Salmonella Speciation (CheckPoints)		\$150.00
Salmonella Confirmation (USDA)		\$150.00
Shigella	25g	\$30.00

**SPOREFORMERS**

Thermophilic	25g	\$40.00
Mesophilic	25g	\$40.00

STAPHYLOCOCCUS AUREUS

3M Petrifilm™	50-100g	\$20.00
USP	50-100g	\$30.00
Streptococcus	50-100g	\$30.00

PROBIOTICS

Lactic Acid Bacteria (aerobic)	25g	\$20.00
Lactic Acid Bacteria (anaerobic)	25g	\$20.00

TOTAL COLIFORMS

3M Petrifilm™	25g	\$20.00
MPN	25g	\$25.00

STEC PACKAGE:

PCR MP & STEC	250g	\$60.00
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AEROBIC PLATE/TOTAL PLATE COUNT

FDA/BAM III	25g	\$20.00
USP	25g	\$30.00
3M Petrifilm™	25g	\$20.00
Anaerobic	25g	\$20.00
Psychotrophic	125g	\$20.00

AIR PLATES

APC	Air Plate	\$20.00
Mold	Air Plate	\$20.00

YEAST AND MOLD

FDA/BAM	25g	\$20.00
USP	25g	\$20.00

FS1: FOOD SCREEN

Total Plate Count, Total Coliforms, E. coli, Staphylococcus aureus, Salmonella, Yeast, Mold	100g	\$75.00
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FS2: FOOD SCREEN PLUS LISTERIA

100g	\$90.00
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FS3: FOOD SCREEN PLUS LISTERIA & E.COLI O157:H7

100g	\$120.00
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SPONGE/SWAB

Aerobic Plate Count	1 Sponge/Swab	\$20.00
Clostridium perfringens	1 Sponge/Swab	\$20.00
Generic E. coli (3M Petrifilm™)	1 Sponge/Swab	\$20.00
Generic E. coli (MPN)	1 Sponge/Swab	\$25.00
E.coli O157:H7 (Lateral Flow)	1 Sponge/Swab	\$20.00
E.coli O157:H7 (PCR)	1 Sponge/Swab	\$40.00
Enterobacteriaceae (3M Petrifilm™)	1 Sponge/Swab	\$25.00
Listeria (PCR)	1 Sponge/Swab	\$40.00
Listeria (Lateral Flow)	1 Sponge/Swab	\$20.00
Pseudomonas	1 Sponge/Swab	\$20.00
Salmonella (Lateral Flow)	1 Sponge/Swab	\$20.00
Salmonella (PCR)	1 Sponge/Swab	\$35.00
Yeast and Mold	1 Sponge/Swab	\$20.00

** If testing more than one analyte, one sponge can be used for Aerobic Plate Count, E. Coli, Total Coliforms, Staphylococcus and yeast and mold.*

HACCP TESTING

USDA approved Petrifilm method for generic E. coli analysis.

Aerobic Plate Count	1 Sponge	\$20.00
Generic E. Coli	1 Sponge	\$20.00

- ▶ Ask us about our Internet Result Retrieval System where you can access your results via the Internet.
- ▶ Our Microbiology staff works seven days a week to provide the fastest possible turnaround time available.