



THE
NATIONAL
FOOD
LAB

FEE SCHEDULE

Effective January 1, 2010

Tech Center:

*2441 Constitution Drive,
Livermore, CA 94551
925.828.1440
925.371.8085 fax
www.TheNFL.com*

*Our fees are usually good
for the year. However we
do reserve the right to
modify a fee.*





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GENERAL MICROBIOLOGY



Not all bacteria are bad bacteria, the human digestive tract is home to about 400 different kinds of bacteria and yeasts. Among these are *Bifidobacteria bifidum* and *Lactobacillus acidophilus*. These two very beneficial intestinal bacteria exist naturally together in the gastrointestinal tract and help maintain the health of the digestive system.

ANALYSIS	FEE/SAMPLE
Aciduric Plate Count (Total)	\$22.00
Aerobic Standard Plate Count (APC or SPC)	\$16.00
APC (USP Method)	\$45.00
<i>Alicyclobacillus</i> (Standard Method, 3 gram)	\$22.00
<i>Alicyclobacillus</i> (10g Method, most commonly run)	\$24.00
<i>Alicyclobacillus</i> (Enrichment Method)	\$45.00
<i>Alicyclobacillus</i> (Filter Plate Method)	\$45.00
Anaerobic Plate Count	\$17.00
Bacterial Identification	Please call us
<i>Bacillus cereus</i>	\$36.00
<i>Bacillus cereus</i> Confirmation DNA Sequencing	\$140.00
Cause of Spoilage Investigation	Please call us
<i>Clostridium perfringens</i>	\$36.00
Coliform (MPN, Petrifilm™ or VRB)	\$16.00
Commercial Sterility Confirmation	Please call us
Commercial Sterility Confirmation with Subculture	Please call us
Composite Fee	\$5.00
<i>E.coli</i> (MPN)	\$23.00
<i>E.coli</i> (Petrifilm™)	\$23.00
<i>E.coli</i> (USP method)	\$50.00
<i>E.coli</i> O157:H7	\$36.00
<i>E.coli</i> O157:H7 Serological Confirmation	\$36.00
<i>Enterobacteriaceae</i>	\$24.00
<i>Enterobacter sakazakii</i>	\$90.00
<i>Enterobacter sakazakii</i> Confirmation DNA Sequencing	\$140.00
Flat Sour Sporeformers (<i>B. coagulans</i>) and Aciduric Sporeformers Total Count (<i>B.coagulans</i> & <i>B.stearothermophilus</i>)	\$38.50
Foreign Substance Identification	Please call us
Gram Stain	\$33.00
Heat Resistant Mold	\$60.00
Heterotrophic Plate Count	\$22.00
KF <i>Streptococcus</i>	\$30.00
Lactic Acid Bacteria	\$17.00
<i>Listeria</i> Species (PCR Method)	\$40.00
<i>Listeria monocyogenes</i> (PCR Method)	\$40.00
<i>Listeria</i> species Confirmation	\$50.00
Mesophilic Anaerobic Sporeformers (<i>Bacillus</i> species)	\$38.00
Mesophilic Anaerobic Sporeformers (Putrefactive Anaerobes, <i>Clostridium</i> species)	\$38.50



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GENERAL MICRO cont'd

ANALYSIS	FEE/SAMPLE
NYA Seal Testing (includes testing, confirmation work and NYA Seal to be included in application packet to the National Yogurt Association)	\$1070.00
Off Odor	\$15.00
Osmophilic Yeast Count	\$22.00
Pathogen Screen/Product Integrity Evaluation	Please call us
Product/Process Assessment	\$1050.00
<i>Pseudomonas</i>	\$30.00
<i>Pseudomonas aeruginosa</i> (USP method)	\$50.00
Psychrotrophic Plate Count	\$17.00
<i>Salmonella</i> species (PCR Method, 25g sample)	\$40.00
<i>Salmonella</i> species (PCR Method, 375g sample)	\$60.00
<i>Salmonella</i> confirmation (FDA BAM)	\$50.00
<i>Salmonella</i> (USP method)	\$50.00
<i>Staphylococcus</i> (Coagulase positive)	\$17.00
CP <i>staph</i> (USP method)	\$50.00
Thermophilic Plate Count	\$16.00
Water Activity	\$29.00
Wet Mount	\$33.00
Yeast & Mold Count	\$16.00
Yeast & Mold Count (USP method)	\$45.00



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NLEA LABELING MANDATORY NUTRIENT ANALYSES

ANALYSIS	FEE/SAMPLE
NLEA Mandatory Analyses	
Calories (by calculation from ash, fat, moisture, protein)	No charge
Calories from Fat	No charge
Ash	\$20.00
Moisture	\$20.00
Total Fat* (by GC includes Saturated, Monounsaturated, Polyunsaturated, Trans-fatty acids)	\$185.00
Cholesterol*	\$125.00
Sodium	\$32.00
Total Carbohydrates (by calculation from ash, fat, moisture, protein)	No charge
Dietary Fiber*	\$153.00
Sugars	\$110.00
Protein	\$27.00
Vitamin A (either Retinol or Beta-carotene)	\$105.00
Vitamin C	\$65.00
Calcium	\$32.00
Iron	\$32.00
Total	\$906.00
NLEA Nutritional Analyses- Fruit & Vegetable Products with <2% fat	
Calories (by calculation with ash, fat, moisture and protein)	No charge
Calories from Fat	No charge
Ash	\$20.00
Moisture	\$20.00
Total Fat (samples with <2% fat)	\$38.00
Sodium	\$32.00
Total Carbohydrates (by calculation from ash, fat, moisture, protein)	No Charge
Dietary Fiber*	\$153.00
Sugars	\$110.00
Protein	\$27.00
Vitamin A (Beta-carotene)	\$105.00
Vitamin C	\$65.00
Calcium	\$32.00
Iron	\$32.00
Total	\$634.00
Nutrition Facts Mock Label	\$55.00



Cereal grains such as wheat, corn, rice, millet, rye, barley, and sorghum provide more than 85% of all protein consumed throughout the world.

Turn around time for nutritional labeling is 14-21 business days. A representative sample must be used for these analyses. The sample should be a composite of 12 randomly chosen sub-samples, each one from a different production case. About 500-1000g or 1-2 pounds of product is required for these tests. Please provide any special compositing instructions such as drained vs. undrained, dry vs. prepared mix, etc.

*This analysis is performed by a 3rd party laboratory and subject to a \$90.00 shipping and handling fee per project.



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FOOD CHEMISTRY ANALYSES

ANALYSIS	FEE/SAMPLE
Acid Insoluble Ash	\$32.00
Acid Insoluble Matter	\$32.00
Acidity Total	\$25.00
Alkalinity	\$25.00
Ash	\$20.00
Benzoic and Sorbic Acid (Sodium benzoate, Potassium sorbate)	\$120.00
Brix	\$20.00
Bostwick – Viscosity	\$33.00
Bronopol	\$135.00
Brookfield – Viscosity	\$65.00
Caffeine & Theobromine	\$135.00
Calcium (EDTA titration method)	\$80.00
Chloride	\$35.00
Color by Spectrophotometer	\$32.00
Container Exam	Please call us
Dyes (Yellow 5 & 6; Red 2, 3, 40; Blue 1, 2; Green 3 and others upon request)	\$88.00 each
EDTA Recovery (in carrageenan)	\$55.00
EDTA by HPLC (seafood)	\$190.00
Fat (super cooled fluid extraction)	\$38.00
Fat (acid hydrolysis)	\$38.00
Fat in butter (Kohman)	\$65.00
Free Fatty Acids Total	\$55.00
Guaiacol	\$270.00
Headspace Volume Measurement	\$16.00
Headspace Gases (O ₂ , H ₂ , N ₂ , CO ₂)	\$110.00
Hexanal	\$110.00
Histamine, Cadaverine/Putricine	\$190.00
Hydroxymethylfuraldehyde (HMF)	\$130.00
Lycopene	\$190.00
Lycopene & Beta-carotene	\$220.00
Magnesium & Alkali Salts	\$45.00
Moisture	\$20.00
Natamycin	\$110.00
Natural Tomato Soluble Solids (NTSS)	\$20.00
Net Weight of Product	\$16.00



Caffeine blocks adenosine from being released. Adenosine is an inhibitory neurotransmitter, believed to play a role in promoting sleep and suppressing arousal, with levels increasing with each waking hour.



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FOOD CHEMISTRY ANALYSES

ANALYSIS	FEE/SAMPLE
Nitrogen	\$27.00
Organic Acid Profile (includes acetic, citric, formic, fumaric, lactic, malic, oxalic, propionic, tartaric)	\$190.00
Organic Acid Profile plus quinic or succinic	\$55.00 each
Peroxide Value	\$55.00
pH	\$20.00
Polyphenols Total	\$100.00
Product Exam	Please call us
Protein	\$27.00
Proximate Analysis (includes fat, protein, moisture, ash calories and carbohydrates by calculation)	\$105.00
ROI (Residue on Ignition)	\$38.00
Salt	\$35.00
Scoville	\$165.00
Starch (Qualitative)	\$22.00
Sugar Profile (includes glucose, fructose, maltose, lactose, sucrose)	\$110.00
Sulfate (Total Sulfate)	\$60.00
Sulfated Ash	\$60.00
Sulfate (Ester Sulfate)	\$60.00
Sulfate (Free Sulfate)	\$60.00
Sulfur Dioxide, Sulfite (Monier-Williams)	\$135.00
Unknown Flavor/Odor Identification (per sample)	\$270.00
Titanium Dioxide	\$55.00
Vacuum	\$11.00
Vitamin A (Retinol or Beta-carotene)	\$105.00
Vitamin C (Ascorbic acid)	\$65.00
Vitamin D ₃	\$220.00
Vitamin E (Alpha-tocopherol)	\$110.00
Vitamin K ₁	\$220.00



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ELEMENTS & METALS

ANALYSIS			FEE/SAMPLE
Metals Flame AA			
Calcium			\$32.00
Copper			\$32.00
Iron			\$32.00
Magnesium			\$32.00
Potassium			\$32.00
Sodium			\$32.00
Zinc			\$32.00
ICP/MS Metals			
Metal Preparation ICP/MS (added to one element per sample) \$17.00			
Aluminum	\$38.00	Lithium	\$38.00
Antimony	\$38.00	Nickel	\$38.00
Arsenic	\$38.00	Manganese	\$38.00
Boron	\$38.00	Molybdenum	\$38.00
Barium	\$38.00	Selenium	\$38.00
Beryllium	\$38.00	Silver	\$38.00
Cadmium	\$38.00	Thallium	\$38.00
Copper	\$38.00	Titanium	\$38.00
Chromium	\$38.00	Vanadium	\$38.00
Cobalt	\$38.00	Zinc	\$38.00
Lead	\$38.00		
ICP-MS Metals Scan 1 (includes: Antimony, Arsenic, Boron, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Lead, Selenium, Silver, Zinc)			\$325.00
ICP/MS Metals Scan 2 (includes: ICP/MS Metals Scan 1 plus Titanium, Thallium, Vanadium)			\$380.00
Palladium			\$105.00
Phosphorus			\$54.00
Silicon			\$54.00
Tin			\$54.00
Miscellaneous			
Mercury, Total (Cold Vapor)			\$70.00
Heavy Metal as Lead (USP 231)			\$80.00
Earthenware (Lead or Cadmium) One Element			\$105.00
Earthenware (Lead and Cadmium) Two Elements			\$140.00



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FOOD CONTAMINANTS



Sulfur dioxide can be used as a preservative for dried foods and wine. It serves as an antibiotic and antioxidant, protecting food and wine from spoilage by bacteria and oxidation. Sulfur dioxide also preserves the color and appearance of dried fruits. In the US concentrations above 10 ppm must be declared on a food label as "contains sulfites".

ANALYSIS	FEE/SAMPLE
3 MCPD	\$245.00
Acrylamide	\$215.00
Benzene (in food products)	\$195.00
Benzoic and Sorbic Acid (Sodium Benzoate, Potassium Sorbate)	\$120.00
Bisphenol A (BPA), BADGE, BFGDE	\$325.00
Ethylene Oxide and/or Propylene Oxide	\$160.00
Guaiacol	\$270.00
Melamine by LC/MS/MS	\$190.00
Melamine and analogs (cyanuric acid, ammeline, and ammelide)	\$215.00
Method Development	Please Call us
Para Red (Raw Chili Powder Product)	\$190.00
Para Red (Blended Materials)	\$270.00
Patulin	\$130.00
Phthalate	\$245.00
Phthalate Screen (includes: Diallyl phthalate, Dibutyl phthalate, Benzyl butyl phthalate, Dioctyl phthalate, Diethyl phthalate)	\$350.00
Polynuclear Aromatic Hydrocarbons (PAH) Single Compound	\$245.00
PAH Screen (Includes: Benz(a)Pyrene, Fluoranthene, Pyrene, Benzo(a)fluoranthene, Benzo(k)fluoranthene, Dibenzoanthracene, Benzo(ghi)perylene)	\$350.00
Residual Solvents/Alcohols (One Solvent or Alcohol)	\$245.00
Residual Solvents/Alcohols (Each Additional Solvent or Alcohol)	\$54.00
Sudan Red Food Dyes (I-IV) (Raw Chili Powder Product)	\$190.00
Sudan Red Food Dyes (I-IV) (Blended Materials)	\$270.00
Sulfur Dioxide, Sulfite (Monier-Williams)	\$135.00
Sulfur Dioxide, Sulfite (HPLC)	\$190.00
Volatile Organic Compounds (Flavors) GC/MS	\$245.00



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PESTICIDE and OTHER RESIDUE SCREENS



Pyrethroids are a group of man-made pesticides similar to the natural pesticide pyrethrum, which is produced by chrysanthemum flowers. Although there are many types of pyrethroids commercially available, only a few are used in the United States. Pyrethroids are found in many commercial products, including household insecticides, pet sprays and pet shampoos.

ANALYSIS	FEE/SAMPLE
Multi-Residue Analysis- FDA LUKE Method	
Single Screen	\$230.00
Two Screen	\$285.00
Three Screen	\$340.00
Four Screen (includes: Organonitrogens, Organophosphates Organochlorines, n-Methyl Carbamates)	\$395.00
Five Screen (includes; Organonitrogens, Organophosphates Organochlorines, n-Methyl Carbamates, Organosulfur)	\$445.00
Single Compound within a MRA Screen	\$215.00
Customized Multi-Residue Screens	
EBDC by GC/Flame or Keppel (includes: Ferbam, Mancozeb, Maneb, Metiram, Nabam, Thiram, Zineb, Ziram)	\$160.00
Phenoxy Acid Screen (includes: 2,4-D; Banvel, MCPA, PCP, Silvex ; 2,4,5 T)	\$245.00
Pyrethroids Screen (includes: Cyfluthrin, Cyhalothrin, Cypermethrin, Deltamethrin, Fenvalerate, Flucythrinate, Fluvalinate, Permethrin, Tefluthrin)	\$230.00
Strobilurin Screen (includes Azoxystrobin, Pyraclostrobin, Trifloxystrobin)	\$280.00
Strobilurin Screen (Low Detection Limit by LC/MS)	\$430.00
Triazoles Screen #1 (includes Difenconazole, Hexaconazole, Propiconazole, Tebuconazole, Tetraconazole)	\$270.00
Triazoles Screen #2 (includes Bitertanol, Cyproconazole, Flusilazole, Penconazole, Triadimefon, Triadimenol)	\$270.00
Single Compound within a Phenoxy Acid, Pyrethroid, or Triazole screen	\$215.00
USP Pesticide Screen includes	\$500.00
EBDC Screen, Organophosphate screen, Organochlorinated screen, Piperonyl butoxide	
Low Level Detection Limit Residue or Screen <5ppb	plus 25%
Low Level Detection Limit Residue or Screen <10ppb	plus 15%



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SINGLE RESIDUE METHODS

ANALYSIS	FEE/SAMPLE	ANALYSIS	FEE/SAMPLE
2,4-D	\$160.00	Intrepid (Methoxyfenozide)	\$190.00
Azoxystrobin by GC	\$190.00	Kresoxim-methyl	\$190.00
Azoxystrobin by LC/MS Low Detection Limit	\$270.00	Lambda cyhalothrin	\$190.00
Benomyl by HPLC	\$175.00	Maleic Hydrazide	\$190.00
Bentazon	\$190.00	Metasystox-R	\$190.00
Bifenthrin	\$190.00	Methyl Bromide	\$190.00
Buctril/Bromoxynil	\$190.00	Novaluron	\$215.00
Cadusafos	\$190.00	OPP (Orthophenylphenol)	\$245.00
Calixin	\$270.00	Oryzalin	\$190.00
Chlordane	\$190.00	Pentachlorophenol	\$190.00
Chlormequat	\$270.00	Pinnacle (Special fee if done with Classic)	\$270.00
Classic	\$270.00	Piperonyl butoxide	\$190.00
Classic and Pinnacle	\$350.00	Pyraclostrobin	\$190.00
Clofentazine	\$190.00	Pyraclostrobin by LC/MS - Low Detection Limit	\$270.00
Cyhalothrin	\$210.00	Pyridaben	\$190.00
Cyprodinil	\$190.00	Pyrimethanil (GC/MS)	\$245.00
Dichloropropene	\$245.00	Quintozine and it's metabolites	\$225.00
Diuron (0.5 ppm detection limit)	\$190.00	Savey	\$190.00
Dodine	\$190.00	Sethoxydim	\$190.00
EDB (Ethylene Dibromide)	\$190.00	Spinosad 1st sample	\$270.00
Esfenvalerate	\$210.00	Surflan	\$190.00
Esteem	\$190.00	Tebufenozide	\$190.00
ETU (Ethylenethiourea) by HPLC	\$190.00	Thiabendazole (TBZ) by HPLC	\$190.00
Fenbutatin oxide	\$190.00	Thiamethoxam	\$190.00
Fenhexamid	\$215.00	Thiophanate methyl	\$180.00
Florasulam	\$215.00	Trifloxystrobin	\$190.00
Fluazifop-p-butyl, Total	\$270.00	Trifloxystrobin by LC/MS Low Detection Limit	\$270.00
Glyphosate	\$235.00	Vangard	\$190.00
Hexythiazox	\$190.00	Vendex (Hexakis)	\$190.00
Imidacloprid	\$190.00	Pesticide Confirmation by GC/MS	\$490.00
Indar	\$190.00		
Indoxacarb	\$215.00		



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USP/FCC/EP/BP/JP TESTS

ANALYSIS	METHOD	FEE/SAMPLE
Calcium Chloride Solution		
Alkalinity	FCC Monograph for Calcium Chloride Solution	\$25.00
Assay, Ca EDTA	FCC Monograph for Calcium Chloride Solution	\$80.00
Identification (Calcium, Chloride)	FCC Monograph for Calcium Chloride Solution	\$65.00
Lead	ICP-MS	\$55.00
Magnesium and Alkali salts	FCC Monograph for Calcium Chloride Solution	\$45.00
Citric Acid		
Appearance of Solution	EP Monograph for Citric Acid	\$16.00
Assay (Citric acid)	BP/USP Monograph for Citric Acid	\$33.00
Calcium	JP Monograph for Citric Acid	\$32.00
Clarity of Solution	USP Monograph for Citric Acid	\$16.00
Color of Solution	USP Monograph for Citric Acid	\$50.00
Heavy Metals as Lead	USP 231	\$80.00
Identification	USP Monograph for Citric Acid	\$32.00
Identification of Calcium precipitate	FCC Monograph for Citric Acid	\$32.00
Limit of Oxalate	USP Monograph for Citric Acid	\$80.00
Organic Volatile Impurities (OVI)	USP 467, Method I (or as requested)	\$275.00
Oxalate	USP Monograph for Citric Acid	\$55.00
Readily Carbonizable Substances	USP Monograph for Citric Acid	\$50.00
Related Substances and Isocitric Acid	HPLC	\$250.00
Residue on Ignition	USP 281	\$38.00
Residue on Ignition	FCC Monograph for Citric Acid	\$38.00
Solubility	BP Monograph for Citric Acid	\$16.00
Sulfate	USP Monograph for Citric Acid	\$60.00
Tridodecylamine	FCC Monograph for Citric Acid	\$165.00
UV-Polycyclic Aromatic Hydrocarbon	JP Monograph for Citric Acid	\$80.00
Potassium Chloride		
Alkalinity (Pass/Fail)	USP Monograph for Potassium Chloride	\$16.00
Assay (Potassium Chloride)	USP Monograph for Potassium Chloride	\$80.00
Bromide	USP Monograph for Potassium Chloride	\$32.00
Calcium and Magnesium	USP Monograph for Potassium Chloride	\$32.00
Identification	USP Monograph for Potassium Chloride	\$16.00
Iodide	USP Monograph for Potassium Chloride	\$32.00
Organic Volatile Impurities (OVI)	USP 467, Method I (or as requested)	\$275.00
Sodium (Pass/Fail)	USP Monograph for Potassium Chloride	\$16.00



Citric acid, a colorless, crystalline organic acid, is mass produced by feeding cultures of *Aspergillus niger* a sucrose or glucose-containing media. A natural preservative, citric acid, is widely used in the food and beverage industry as a flavoring agent and to improve the stability of food. Besides its many food applications, citric acid is the active ingredient in many bathroom and kitchen cleaning solutions.



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USP/FCC/EP/BP/JP TESTS cont'd

ANALYSIS	METHOD	FEE/SAMPLE
Potassium Citrate		
Acidity/Alkalinity (Pass/Fail)	EP Monograph for Potassium Citrate	\$16.00
Alkalinity (Pass/Fail)	USP Monograph for Potassium Citrate	\$16.00
Appearance of Solution	EP Monograph for Potassium Citrate	\$16.00
Assay (Potassium Citrate)	USP Monograph for Potassium Citrate	\$250.00
Chloride	BP Monograph for Potassium Citrate	\$35.00
Identification of Citrate and Potassium	USP Monograph for Potassium Citrate	\$32.00
Moisture	USP 231	\$20.00
Organic Volatile Impurities (OVI)	USP 467, Method I (or as requested)	\$275.00
Oxalate	BP Monograph for Potassium Citrate	\$55.00
pH	JP Monograph for Potassium Citrate	\$20.00
Readily Carbonizable Substances	BP Monograph for Potassium Citrate	\$50.00
Sodium	USP Monograph for Potassium Citrate	\$32.00
Solubility	BP Monograph for Potassium Citrate	\$16.00
Sulfate	BP Monograph for Potassium Citrate	\$60.00
Tartrate	USP Monograph for Potassium Citrate	\$32.00
Sodium Chloride		
Assay (Sodium Chloride)	USP Monograph for Sodium Chloride	\$35.00
Barium	USP Monograph for Sodium Chloride	\$32.00
Ferrocyanides	USP Monograph for Sodium Chloride	\$32.00
Identification for Sodium	USP Monograph for Sodium Chloride	\$32.00
Identification for Chloride	USP Monograph for Sodium Chloride	\$32.00
Iodides	USP Monograph for Sodium Chloride	\$32.00
Nitrites	USP Monograph for Sodium Chloride	\$32.00
Sodium Citrate		
Alkalinity (Pass/Fail)	USP Monograph for Sodium Citrate	\$16.00
Appearance of Solution	EP Monograph for Sodium Citrate	\$16.00
Assay (Sodium Citrate)	USP Monograph for Sodium Citrate	\$250.00
Chloride	BP Monograph for Sodium Citrate	\$35.00
Identification	USP/BP Monograph for Sodium Citrate	\$32.00
Moisture-Loss on Drying	JP Monograph for Sodium Citrate	\$20.00
Oxalate	BP Monograph for Sodium Citrate	\$55.00
pH	JP Monograph for Sodium Citrate	\$20.00
Readily Carbonizable Substances	BP Monograph for Sodium Citrate	\$50.00
Solubility	BP Monograph for Sodium Citrate	\$16.00
Sulfate	BP Monograph for Sodium Citrate	\$60.00
Tartrate	USP Monograph for Sodium Citrate	\$32.00



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USP/FCC/EP/BP/JP TESTS (cont'd)

ANALYSIS	METHOD	FEE/SAMPLE
Tannic Acid		
Arsenic	ICP/MS	\$55.00
Gum or Dextrin	USP Monograph for Tannic Acid	\$33.00
Heavy Metals as Lead	USP 231	\$80.00
Identification	USP Monograph for Tannic Acid	\$32.00
Loss on drying	USP 731	\$20.00
Organic Volatile Impurities	USP 467, Method I (or as requested)	\$275.00
Residue on Ignition	USP 281	\$38.00
Resinous Substances	USP Monograph for Tannic Acid	\$20.00
Miscellaneous		
Assay (Acesulfame K)	FCC Monograph for Acesulfame K	\$250.00
Assay (Aspartame)	FCC Monograph for Aspartame	\$250.00
Assay (Calcium hydroxide)	USP Monograph (EDTA Titration) for Calcium hydroxide	\$80.00
Assay (Calcium hydroxide)	EP Monograph (Titration with NaOH) for Calcium hydroxide	\$33.00
Assay (Fumaric acid)	FCC Monograph for Fumaric acid	\$33.00
Assay (Propionic acid)	USP Monograph Propionic acid	\$33.00
Assay (Sodium benzoate)	FCC Monograph for Sodium benzoate	\$250.00
Assay (Sodium erythorbate)	FCC Monograph for Sodium erythorbate	\$80.00
Assay (Sodium phosphate)	USP Monograph Sodium phosphate	\$55.00
Assay (Sodium sulfate)	USP Monograph for Sodium sulfate	\$80.00
Assay (Tetrasodium pyrophosphate)	FCC Monograph for Tetrasodium pyrophosphate	\$55.00
Bulk Density of Salt (or other powders)	USP 616 Method I	\$80.00
Carbonates in Calcium Hydroxide	EP Monograph for Calcium hydroxide	\$33.00
Content of Sulfate in Glucosamine	USP Monograph for Glucosamine NaCl or KCl	\$60.00
Loss on Ignition	USP 733	\$20.00
Magnesium and Alkali Salts	USP Monograph	\$45.00
Tartaric Assay in DATEM	USP Monograph for DATEM	\$275.00



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FOOD PACKAGING ANALYSES

ANALYSIS	FEE/SAMPLE	NOTES
21 CFR Testing		
21 CFR 175,176, or 177 unless specified	\$163.00	\$163.00 per replicate. Required replicates are specified in CFR
21 CFR 177.1390	\$595.00	
21 CFR 177.1520	\$760.00	Includes both xylene and hexane testing in duplicate
21 CFR 178.3620	\$595.00	For initial test
21 CFR 178.3620 clean-up	\$595.00	For clean-up (2 nd step) only
Other Analyses		
Benzene by Microwave Extraction	\$180.00	
Bisphenol A (BPA)	\$245.00	
Bisphenol A (BPA), BADGE, BFGDE	\$325.00	
Microwave Volatiles	\$380.00	10 compounds
Phthalate	\$440.00	
Phthalate Screen	\$540.00	

CONSULTING

ANALYSIS	FEE/SAMPLE	NOTES
Problem Solving		
Method Development (per compound)	Please call us	
Routine GC Work per Hour	\$190.00	
Routine HPLC Work per Hour	\$190.00	
Routine LC/MS Work per Hour	\$270.00	
Custom Work per Hour	\$200.00	
FDA Alerts		
Sample Collection		
1st sample	\$550.00	
Additional Samples	\$270.00	
Analysis	\$570.00	
Report	\$160.00	