

Analytical Laboratory

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Proficiency Programs

USDA:	<u>Meat Sample for Composition</u> (Fat, Protein, Salt, Moisture)
AACC:	<u>Sample DF</u> (Total Dietary Fiber) <u>Sample VMP</u> (Vitamins, Minerals, Proximate) <u>Sample SA</u> (Sugar Profile)
AOAC	<u>Cheese Chemistry Program</u> (Moisture, Total Fat, Saturated Fat, Monounsaturated Fat, Polyunsaturated Fat, Trans Fat, Protein, Ash, Carbohydrate, Cholesterol, Sodium, Salt, Potassium, Magnesium, Iron, Calcium, Calories, Lactose, Galactose, Phosphorus)
AOCS	<u>Edible Fat</u> (Solid Fat Content, Melting point, Free Fatty Acid, Peroxide, Iodine) <u>Fatty Acid Composition by GC</u> (Fatty acid profile in vegetable oil) <u>Trans Fatty Acid Content</u> (Fatty acid profile in oil for trans content)
LCG Chem	<u>Cheese</u> (Moisture, Fat, pH, Salt, Protein, Calcium) <u>Butter</u> (Salt Moisture, pH) <u>Skim Milk Powder</u> (Fat, Protein, WPN, TA, Solubility) <u>Mixed Fat Spread</u> (Fatty Acid Composition, Karl Fischer moisture, pH, Salt) <u>Whey Powder</u> (Ash, Fat, Lactose, Protein, Scorched Particle)
LCG Micro	Anaerobic plate count, Enterococci, Mesophilic and thermophilic aerobic spores, Mesophilic anaerobic spores, Spice salmonella, Psychrotrophic plate count, β -lactam antibiotic, Bifidobacteria.
API	<u>Comprehensive Microbiology Series</u> (E.coli O157:H7, Listeria, Salmonella, Coliform direct & MPN, E.coli direct & MPN, S.aureus direct & MPN, Yeast, Mold, APC, B. cereus direct & MPN, Enterbacteriaceae, Lactics, Clostridium, Osmophilic Yeast)
DairyChek	<u>Casein</u> (Fat, Protein, Ash, pH, Lactose, Rotap Seive) <u>Nitrate, Nitrate in Dairy Powder</u>
AAFCO	<u>Feed</u> (Fat mojonnier, Fat soxhlet , Moisture, Protein, Crude Fiber, ADF, NDF, Ash, Salt, Vitamin A, Vitamin E, Minerals)