



WE CRAFT ASSURANCE

SPECTRASTAR XT-3 CALIBRATION LIBRARY V3.0

JULY 13, 2026

Did you know? KPM Analytics now offers NIR Calibration Bundles for certain products. For our current offerings, a part number ("**APPS-BUND-###**") will appear above the product bundle heading on this document. Each calibration listed below that header is included within that bundle. However, you may still purchase individual product calibrations as usual.

Breakfast Cereals			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Breakfast Cereals Combo	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-146_xt3
Cinnamon Oat Cereal	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-160_xt3
Corn Flakes	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-107_xt3
Colored Fruit Cereal	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-129_xt3
Nut and Grape Cereal	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-130_xt3
Nut Nugget Cereal	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-131_xt3
Cocoa Products			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger; US-ISIH-0307 Ring cup; US-LIQK-0003 Liquid Sampling Kit (0.3 mm); US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Chocolate Combo	Moisture, Fat	US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)	APPS-CALB-212_xt3
Chocolate with Maltitol	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-163_xt3
Cocoa Beans	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-216_xt3
Cocoa Beans Ground	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-103_xt3
Cocoa Cake	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-038_xt3
Cocoa Liquor	Moisture, Fat	US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)	APPS-CALB-213_xt3
Cocoa Nibs	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-217_xt3
Cocoa Powder	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-214_xt3
Dark Chocolate	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-033_xt3
Milk Chocolate	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-034_xt3
White Chocolate	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-035_xt3
Dairy			
Required Accessories: US-ISIH-0307 Ring cup or petri dish; US-SRCP-0025A Small Round Cup 25mm; US-LGOP-0001 Large Open Cup with plunger; US-LIQK-0003 Liquid Sampling Kit; US-SRCP-0025 Small Round Cup, 25mm Height; US-SRCP-0025A Small Round Cup 25mm (with 0.2mm and 0.3mm reflectors)			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Butter	Moisture, Fat	US-ISIH-0307 Ring cup or petri dish	APPS-CALB-236_xt3
Butter Milk Powder	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-029_xt3
Cheddar Cheese	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-237_xt3
Cheese Mix Europe	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-037_xt3
Cheese Powder	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-070_xt3
Cottage Cheese	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-045_xt3
Cream	Fat	US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)	APPS-CALB-072_xt3
Dairy Powders	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-069_xt3
Epoisses Cheese	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-250_xt3
Goat Cheese	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-249_xt3
Greek Yogurt	Fat, Protein, Total Solids	US-ISIH-0307 Ring cup or US-SRCP-0025A Small Round Cup 25mm	APPS-CALB-077_xt3

Halloumi Cheese	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-251_xt3
Ice Cream Mix	Fat, Protein, Total Solids	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-235_xt3
Infant Formula Powder	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-238_xt3
Liquid Milk	Fat, Protein, Total Solids	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-060_xt3
Mayonnaise	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-062_xt3
Milk Protein Concentrate MPC	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-234_xt3
Mozzarella Cheese	Dry Matter, Fat, Protein, Salt	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-248_xt3
Processed Cheese	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-239_xt3
Quark	Moisture, Protein, Fat	US-ISIH-0307 Ring cup	APPS-CALB-121_xt3
Skim Milk Chocolate	Fat	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-118_xt3
Skim Milk Powder	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-232_xt3
Sweet Whey	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-149_xt3
Sweetened Condensed Milk	Fat, Protein, Solids	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-040_xt3
Various Cheeses	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-006_xt3
Whey Concentrate Liquid	Protein, Total Solids	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-240_xt3
Whey Liquid	Fat, Total Protein, Total Solids	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-210_xt3
Whey Powder	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-211_xt3
Whole Milk Powder	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-233_xt3
WPC Powder	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-012_xt3

Feed			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Catfish Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-256_xt3
Cow and Cattle Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-023_xt3
Duck Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-076_xt3
Feed General	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-007_xt3
Feed Pellets	Moisture, Oil, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-052_xt3
Finished Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-053_xt3
Fish Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-024_xt3
Horse Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-058_xt3
Mixed Feeds	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-084_xt3
Pig and Swine Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-087_xt3
Poultry Feed Combo	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-137_xt3
Rabbit Feed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-191_xt3
Salmon Feed Pellets	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-106_xt3
Feed Ingredients			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Bakery by Product	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-229_xt3
Canola Cake	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-030_xt3
Canola Flakes	Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-009_xt3
Canola Meal	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-221_xt3
Cassava	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-093_xt3
Coconut Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-039_xt3

Concentrates	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-127_xt3
Corn Bran	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-171_xt3
Corn Cake	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-175_xt3
Corn Germ	Moisture, Oil, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-224_xt3
Corn Germ Cake	Moisture, Oil DM	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-089_xt3
Corn Gluten Feed	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-010_xt3
Corn Gluten Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-185_xt3
Corn Grits	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-126_xt3
Corn Meal	Moisture, Oil, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-225_xt3
Corn Spent Flake	Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-044_xt3
Cotton Seed Flour	Moisture, Oil, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-046_xt3
Cotton Seed Meal	Moisture, Oil, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-047_xt3
Cotton Seed Protein	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-177_xt3
Cotton Seed Spent Flake	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-048_xt3
Dried Distillers Grains (DDGS)	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-227_xt3
Flax Cake	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-104_xt3
Grain Husk	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-138_xt3
Lupin	Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-164_xt3
Lysine	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-199_xt3
Maize Composites	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-166_xt3
Oilseed Meal Mix	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-180_xt3
Rice Husk	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-179_xt3
Soy Flour	Protein, Dry Matter	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-110_xt3
Soy Grits	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-155_xt3
Soy Hulls	Protein, Fat, DM	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-117_xt3
Soy Protein Concentrate	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-154_xt3
Soy White Flakes	Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-152_xt3
Soybean Cake	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-091_xt3
Soybean Meal Expanded	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-193_xt3
Soybean Meal Full Fat	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-194_xt3
Sunflower Cake	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-124_xt3
Sunflower Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-123_xt3

Flour			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Corn Flour	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-223_xt3
Hard Wheat Flour	Moisture, Protein14M, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-013_xt3
Oat Flour	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-116_xt3
Rye Flour	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-073_xt3
Soft Wheat Flour	Moisture, Protein14M, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-014_xt3
Spelt Flour	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-142_xt3
Wheat Flour Clear	Moisture, Protein, Protein14M	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-011_xt3
Wheat Flour High-Protein	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-140_xt3
Wheat Midds	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-218_xt3
Whole Wheat Flour	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-074_xt3
Yellow Corn Flour	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-027_xt3
Sunflower Cake	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-124_xt3

Food Additives			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger; US-ISIH-0307 Ring cup; US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Banana Shreds Dry	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-170_xt3
Beef Tallow	Moisture, Protein, Fat	US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)	APPS-CALB-254_xt3
Chickpea	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-176_xt3
Corn Starch Dry	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-226_xt3
Dextrose	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-172_xt3
Egg Liquid	Fat, Dry Matter	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-080_xt3
Egg Powder	Dry Matter, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-228_xt3
Fermipan (Instant Yeast)	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-094_xt3
Gelatin	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-092_xt3
Gluten	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-105_xt3
Green Coffee	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-005_xt3
Green Malt	Moisture, Soluble Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-109_xt3
Hazelnut Unground	Moisture, Oil, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-202_xt3
Lentil	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-165_xt3
Liquid Starch	Protein, Solids	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-065_xt3
Mustard Bran	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-141_xt3
Mustard Flour	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-209_xt3
Oat Groats	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-057_xt3
Pea Flour	Moisture, Protein (db)	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-086_xt3
Peanut Flour	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-085_xt3
Potato Flakes	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-088_xt3
Potatoes Raw	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-242_xt3
Raisins	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-145_xt3
Rosehip Seed Meal	Crude Fat, Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-120_xt3
Starch	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-111_xt3
Sugar	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-112_xt3
Wheat Gluten	Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-150_xt3
Yeast	Moisture, Protein, Fat	US-ISIH-0307 Ring cup	APPS-CALB-028_xt3
Forage			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Grain Silage	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-025_xt3
Alfalfa Hay	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-219_xt3
Corn Cob Mix CCM	Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-051_xt3
Corn Silage	Dry Matter, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-043_xt3
Grass Hay Expanded	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-192_xt3
Grass Silage	Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-056_xt3
Green Maize	Dry Matter, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-063_xt3
Haylage	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-059_xt3
Legumes	DM, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-144_xt3
Mixed Hay	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-220_xt3
Plant Mix Dry	Dry Matter, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-134_xt3

Total Mixed Ration TMR	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-041_xt3
Wet Forage	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-198_xt3
Grains			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Barley Ground	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-184_xt3
Barley Whole Seed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-174_xt3
Bran Combo	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-100_xt3
Corn Seeds Expanded	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-182_xt3
Ground Corn	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-042_xt3
Ground Wheat	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-151_xt3
Malted Barley	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-015_xt3
Rice Bran	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-114_xt3
Rice Combo	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-075_xt3
Rye Whole Seed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-183_xt3
Sorghum	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-156_xt3
Triticale Whole Seed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-026_xt3
Wheat Bran	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-068_xt3
Wheat Semolina	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-143_xt3
Wheat Whole Seed	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-066_xt3
Whole Grains Combo	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-128_xt3
Whole Oats	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-231_xt3
Whole Peas	Moisture, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-230_xt3
Wild Rye	DM, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-147_xt3
Meat & Seafood			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger; US-ISIH-0307 Ring cup			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Beef	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-031_xt3
Chicken By-Product	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-158_xt3
Lamb Meat	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-099_xt3
Mechanically Separated Chicken Meat	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-083_xt3
Pork Beef Rind Raw	Dry Matter, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-122_xt3
Pork Meat	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-136_xt3
Raw Meat Blend	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-241_xt3
Salami	Moisture	US-ISIH-0307 Ring cup	APPS-CALB-178_xt3
Salmon Meat	Moisture, Fat	US-ISIH-0307 Ring cup	APPS-CALB-157_xt3
Sausages and Ham	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-200_xt3
Silver Carp Surimi	Moisture	US-ISIH-0307 Ring cup	APPS-CALB-197_xt3
Neonatal			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Neonatal Milk	Protein, Fat	US-SRCP-0025A Small Round Cup 25mm (and 0.2mm reflector)	APPS-CALB-203_xt3
Oilseeds (APPS-BUND-008-3)			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Canola Seeds	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-222_xt3
Flax Seeds Unground	Moisture, Oil, Protein	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-054_xt3
Ground Soybeans	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-207_xt3

Mustard Seeds Unground	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-208_xt3
Sesame Seeds	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-079_xt3
Shea Kernels	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-078_xt3
Soybeans with AA	Moisture, Protein, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-008_xt3
Sunflower Seeds - Ground	Moisture, Protein As-Is, Oil DM	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-016_xt3
Sunflower Seeds - Unground	Moisture, Protein As-Is, Oil DM	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-071_xt3

Oilseeds (APPS-BUND-014-3)

Required Accessories: US-LGOP-0001 Large Open Cup with plunger; US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)

SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Olives crushed	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-003_xt3
Olive Oil	Moisture	US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)	APPS-CALB-002_xt3
Olive Pomace	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-004_xt3

Others

Required Accessories: US-LGOP-0001 Large Open Cup with plunger; US-ISIH-0307 Ring cup

SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Dried Marijuana	Moisture	US-ISIH-0307 Ring cup	APPS-CALB-021_xt3
Fertilizer	%H2O	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-090_xt3
Mushroom Compost	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-098_xt3
Poppy Capsules	% Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-135_xt3
Tobacco	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-036_xt3

Pet Food

Required Accessories: US-LGOP-0001 Large Open Cup with plunger

SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Pet food Dry	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-139_xt3
Pet food Semi-Moist	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-133_xt3
Pet food Wet	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-173_xt3

Processed Food

Required Accessories: US-LGOP-0001 Large Open Cup with plunger; US-SRCP-0025A Small Round Cup 25mm (and 0.1mm reflector); US-ISIH-0307 Ring cup

SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Peanut Butter	Fat	US-ISIH-0307 Ring cup	APPS-CALB-001_xt3
Caramel	Fat, Solids	US-SRCP-0025A Small Round Cup 25mm (and 0.1mm reflector)	APPS-CALB-032_xt3
Coffee	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-169_xt3
Corn Seeds For Popcorn	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-201_xt3
Custard Powder	Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-064_xt3
Foods Powders	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-055_xt3
Frozen French Fries	Moisture, Fat, Solids	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-243_xt3
Instant Noodles	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-168_xt3
Ketchup	Moisture, Dry Matter	US-ISIH-0307 Ring cup	APPS-CALB-167_xt3
Margarine	Fat, Salt, pH	US-ISIH-0307 Ring cup	APPS-CALB-061_xt3
Pasta	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-067_xt3
Potatos Parfried	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-162_xt3
Sour Cream	Fat	US-ISIH-0307 Ring cup	APPS-CALB-255_xt3
Sunflower Oil	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-186_xt3
Tomato Paste	DM	US-SRCP-0025A Small Round Cup 25mm (and 0.3mm reflector)	APPS-CALB-097_xt3
Tomato Powder	Moisture	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-096_xt3
Waffle Cut Fries	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-153_xt3

Raw Materials			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Elder Seeds	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-101_xt3
Elder Seeds Cake	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-102_xt3
Rendering			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Animal Proteins	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-049_xt3
Blood Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-205_xt3
Chicken Viscera Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-050_xt3
Feather Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-113_xt3
Fish Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-204_xt3
Lamb Meal	Protein, Fat, DM	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-115_xt3
Meat and Bone Meal Expanded	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-195_xt3
Pork Meal	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-206_xt3
Poultry Meal Expanded	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-181_xt3
Snack Food			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Chickpeas Baked	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-252_xt3
Crackers	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-019_xt3
Pita Chips	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-244_xt3
Popcorn Ground	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-132_xt3
Pork Rinds	Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-188_xt3
Potato Chips	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-161_xt3
Raw Peanuts	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-017_xt3
Tortilla Chips	Moisture, Oil	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-245_xt3
Yeast	Moisture, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-246_xt3
Sugar Processing			
Required Accessories: US-LGOP-0001 Large Open Cup with plunger			
SUBSTANCE	CONSTITUENTS	SAMPLING ACCESSORIES	PART NUMBER
Dried Sugar Beet Pulp	Moisture, Protein, Fat	US-LGOP-0001 Large Open Cup with plunger	APPS-CALB-108_xt3

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