

Table 2
REQUIRED CONTAINERS, PRESERVATION TECHNIQUES AND HOLDING TIMES
Soil Laboratories - New Ulm, Minnesota and Nevada, Iowa

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Any and/or All	Soil	500 gm	Poly Lined Bag	Dried at or below 36°C	9 months
	Plant	20-40 plants	Poly Lined Bag	Dried at 80°C	9 months

Table 3
REQUIRED CONTAINERS, PRESERVATION TECHNIQUES AND HOLDING TIMES

Organic Laboratory - New Ulm, Minnesota

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Aflatoxin	Food	100 g (LS)	Glass	None	Product Specific
	Feed	100 g (LS)	Paper/cloth	None	Product Specific
Allantoin	Healthcare Product	100 g	Glass	None	Product Specific
Amino Acids	Feed	100 g	Glass or Plastic	None	Product Specific
Benzalkonium Chloride	Healthcare Product	100 mL	Glass or Plastic	None	Product Specific
Biotin	Feed/Foods	100 g	Glass or Plastic	None	Product Specific
Caffeine	Water	1 L	Glass	Cool 4°C	14 days
Cholesterol	Food	100 g	Glass or Plastic	None	Product Specific
Choline	Food	100 g	Glass or Plastic	None	Product Specific
Clomazone (Command)	Soil	150 g	Glass	Cool 4EC	14 days
Cysteine HCl	Food	100 g	Glass or Plastic	None	Product Specific
Diazolidinyl Urea	Healthcare Product	100 g	Glass or Plastic	None	Product Specific
Diuron	Soil	150 g	Soil Bag	Cool 4EC	14 days
	Water	1 L	Glass	Cool 4EC	14 days
Ethyl Alcohol	Healthcare Product	100 g	Glass or Plastic	None	Product Specific
Isopropanol/Ethanol/Methanol	Water	100 mL	Glass	Cool 4EC	7 days
Fatty Acid Profile	Food	100 g	Glass or Plastic	None	Product Specific
Fluridone	Soil	150 g	Soil Bag	Cool 4EC	14 days
	Water	1 L	Glass	Cool 4EC	14 days
Folic Acid	Feed	100 g	Glass or Plastic	None	Product Specific
Glycols, Propylene, Ethylene	Soil	150 g	Glass or Plastic	Cool 4EC	14 days
	Water	100 mL	Glass or Plastic	Cool 4EC	14 days
Imazaquin (Scepter)	Soil	150 g	Soil Bag	Cool 4EC	14 days
Imidizolidinyl Urea	Healthcare Product	100 g	Glass or Plastic	None	14 days
Isoxaben	Soil	150 g	Soil Bag	Cool 4EC	14 days
	Water	1 L	Glass	Cool 4EC	14 days
Lactic Acid	Feed	100 g	Glass or Plastic	None	Product Specific
D & L Lactic Acid	Cheese	100 g	Glass or Plastic	Cool 4EC	Product Specific
Lactose Purity %	Food	100 g	Glass or Plastic	None	Product Specific
Miconazole Nitrate	Healthcare Product	100 g	Glass or Plastic	None	Product Specific
Niacin	Food	100 g	Glass or Plastic	None	Product Specific
Niacinamide	Food	100 g	Glass or Plastic	None	Product Specific
Ormetoprin	Feed	100 g	Glass or Plastic	None	Product Specific
Oryzalin (Surflan)	Soil	150 g	Soil Bag	Cool 4EC	14 days
	Water	1 L	Glass	Cool 4EC	14 days
Pantothenic Acid	Feed	100 g	Glass or Plastic	None	Product Specific
Paraben, Methyl and Propyl	Healthcare Product	100 g	Glass or Plastic	None	Product Specific
PCMX	Healthcare Product	100 g	Glass or Plastic	None	Product Specific
Petrolatum	Healthcare Product	100 g	Glass or Plastic	None	Product Specific
Propionic Acid	Feed	100 g	Glass or Plastic	None	Product Specific

Table 3
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Organic Laboratory - New Ulm, Minnesota

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Pyridoxine	Feed	100 g	Glass or Plastic	None	Product Specific
Riboflavin	Feed	100 g	Glass or Plastic	None	Product Specific
Salicylic Acid	Healthcare Products	100 g	Glass or Plastic	None	Product Specific
Sorbic Acid	Feed	100 g	Glass or Plastic	None	Product Specific
Sugars	Food	100 g	Glass or Plastic	None	Product Specific
Sugars/Lactose/Carb	Food	100 g	Glass or Plastic	None	Product Specific
Sulfamethazine	Feed	100 g	Glass or Plastic	None	Product Specific
Sulfadimethoxine	Feed	100 g	Glass or Plastic	None	Product Specific
TBHQ	Food	100 g	Glass or Plastic	None	Product Specific
Tebuthiuron (Spike)	Soil	150 g	Soil Bag	Cool 4EC	14 days
	Water	1 L	Glass	Cool 4EC	14 days
Thiamine	Food	100 g	Glass or Plastic	None	Product Specific
Triclosan	Healthcare Products	100 g	Glass or Plastic	None	Product Specific
Vitamin A	Food	100 g	Glass or Plastic (LS)	None	Product Specific
	Feed	100 g	Glass or Plastic	None	Product Specific
	Milk Powder	100 g	Glass or Plastic	None	Product Specific
Vitamin B ₁₂	Feed	100 g	Glass or Plastic	None	Product Specific
Vitamin C	Food and Feed	100 g	Glass or Plastic (LS)	None	Product Specific
Vitamin D ₃	Feed	100 g	Glass or Plastic	None	Product Specific
Vitamin E	Food and Feed	100 g	Glass or Plastic	None	Product Specific
Vitamin K ₃ (Menadione)	Feed	100 g	Glass or Plastic	None	Product Specific

Table 3
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Organic Laboratory - New Ulm, Minnesota

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
SCREENS					
PCB and Pesticides: PCBs Aldrin Alpha-BHC Alpha-Chlordane Beta-BHC Delta-BHC Dieldrin Endosulfan I (Alpha) Endrin Gamma-BHC Gamma-Chlordane Heptachlor Heptachlor Epoxide Hexachlorobenzene Methoxychlor Mirex 2,4'-DDD 2,4'-DDE 2,4'-DDT 4,4'-DDD 4,4'-DDE 4,4'-DDT Carbophenothion Diazinon Disulfoton Ethion Malathion Methyl Parathion Parathion Phorate Ronnel	Food and Feed	100 g	Glass or Plastic	None	Product Specific

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Organic Laboratory - New Ulm, Minnesota

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
MDA List I: Base Neutral Pesticides					
Propachlor Ethalfuralin Trifluralin Simazine Atrazine Propazine Terbufos Triallate Metribuzin Alachlor Metolachlor Chlorpyrifos Cyanazine Pendimethalin Decthylatrazine Deisopropylatrazine Phorate Fonofos Pramitol EPTC Acetochlor	Soil Water	150 g 1 L	Soil Bag Glass	Cool 4EC Cool 4EC	14 days 14 days
MDA List II: Acid Pesticides					
2,4-D 2,4,5-T MCPA Triclopyr 2,4-DB 2,4,5-TP Dicamba Picloram Bentazon	Soil Water	150 g 1 L	Soil Bag Glass	Cool 4EC Cool 4EC	14 days 14 days
Environmental					
Acid Priority Pollutants					
EPA 8270, 625	Water/Wastewater Sludge	1 L —	Glass *	Cool 4EC	7 days
EPA 8270	Soil	150 g	4 oz. Jar	Cool 4EC	14 days
Base Neutral Priority Pollutants					
EPA 8270, 625	Water/Wastewater Sludge	1 L —	Glass *	Cool 4EC	7 days
EPA 8270	Soil	150 g	4 oz. Jar	Cool 4EC	14 days
Volatile Organic Compounds Priority Pollutants					
EPA 8260, 624	Water/Wastewater	3 x 40 mL	**	0.5 mL 50% HCl, Cool 4EC	14 days
EPA 8021, 601, 602	Water/Wastewater	3 x 40 mL	**	0.5 mL 50% HCl, Cool 4EC	14 days
EPA 8260	Soil/Sludge	Packed 4 oz.	60 mL ***	Methanol, Cool 4EC	14 days
EPA 8021	Soil	# 35 g	60 mL ***	Methanol, Cool 4EC	14 days
Organochlorine Pesticides					
EPA 8081, 608	Water/Wastewater Sludge	1 L —	Glass *	Cool 4EC	7 days

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Organic Laboratory - New Ulm, Minnesota

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
EPA 8081	Soil	150 g	4 oz. Jar	Cool 4EC	14 days
PAH					
EPA 8310, 610	Water/Wastewater	1L —	Glass*	Cool 4EC	7 days
EPA 8310	Soil	150 g	4 oz Jar	Cool 4EC	14 days
TCLP, Toxicity Characteristic Leaching Procedure	Liquid	1 L (LS)	Glass, Amber	Cool 4EC	14 days
	Solid	200 g (LS)	4 oz. Jar	Cool 4EC	14 days
Underground Storage Tank Analytes					
WI GRO, PVOC	Water	3 x 40 mL	**	Cool 4EC, 0.5 mL 50% HCl	14 days
	Soil	≤ 35 g	60 mL ***	Methanol, Cool 4°C	14 days
WI DRO	Water	1 L	Glass *	Cool 4EC, 5 mL HCl (50%)	7 days
	Soil	≤ 35 g	60 mL ***	Cool 4°C	10 days
EPA GRO	Water	3 x 40 mL	**	0.5 mL 50% HCl, Cool 4EC	14 days
	Soil	Packed 4 oz.	60 mL	Cool 4°C	14 days
EPA DRO	Water	1 L —	Glass *	0.5 mL 50% HCl, Cool 4EC	7 days
	Soil	Packed 4 oz.	Glass *	Cool 4EC	14 days
BTEX	Water	3 x 40 mL	**	0.5 mL 50% HCl, Cool 4EC	14 days
	Soil	150 g	60 mL	Cool 4EC	14 days
Light Hydrocarbons	Water	3 x 40 mL	60 mL	Cool 4EC	14 days

- * = Amber Glass with Teflon-lined Cap
- ** = 40 mL glass vial with septum lined cap, zero headspace
- *** = Wide Mouth VOC Vial
- = One sample per set submitted should be collected in triplicate for quality control purposes.
- (LS) = Light Sensitive
- HCl = Hydrochloric Acid

Table 4
REQUIRED CONTAINERS, PRESERVATION TECHNIQUES AND HOLDING TIMES

Inorganic Chemistry Laboratories - New Ulm, Minnesota, Bismarck, North Dakota and Nevada, Iowa
(Not all analyses are performed in every laboratory.)

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Acidity, Free	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	14 days
Alkalinity, Total	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	14 days
Biochemical Oxygen Demand (BOD)	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	48 hours
Biochemical Oxygen Demand (BOD), Carbonaceous	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	48 hours
Bromide	Water/Wastewater	200 mL	Glass or Plastic	None	28 days
Chloride	Water/Wastewater	100 mL	Glass or Plastic	None	28 days
Chlorine, Total Residual	Water/Wastewater	200 mL	Glass or Plastic	None	Analyze immediately
Chlorophyll-a	Water/Wastewater	1000 mL	Amber	Cool 4EC	30 days
Chromium, Hexavalent	Water/Wastewater	500 mL	Glass or Plastic	Cool 4EC	24 hours
	Solid	100 gm	Glass or Plastic	Cool 4EC	30 days
Chemical Oxygen Demand (COD)	Water/Wastewater	50 mL	Glass or Plastic	H ₂ SO ₄ to pH <2, Cool 4EC	28 days
Color	Water/Wastewater	50 mL	Glass or Plastic	Cool 4EC	48 hours
Conductance, Specific	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	28 days
Cyanide	Water/Wastewater	500 mL	Glass or Plastic	NaOH to pH>12, Cool 4EC	14 days
Cyanide, Reactive	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	ASAP
Fluoride	Water/Wastewater	300 mL	Glass or Plastic	None	28 days
Hardness, Calcium	Water/Wastewater	50 mL	Glass or Plastic	HNO ₃ to pH <2	6 months
Hardness, Total	Water/Wastewater	100 mL	Glass or Plastic	HNO ₃ to pH <2	6 months
Metals	Water/Wastewater	1000 mL	Glass or Plastic	HNO ₃ to pH <2	6 months
	Solid	100 gm	Glass or Plastic	Cool 4EC	6 months
Mercury	Water/Wastewater	500 mL	Glass or Plastic	HNO ₃ to pH <2	28 days
	Nonaqueous	100 gm	Glass or Plastic	Cool 4EC	28 days
Nitrogen, Ammonia	Water/Wastewater	500 mL	Glass or Plastic	H ₂ SO ₄ to pH <2, Cool 4EC	28 days
Nitrogen, Kjeldahl	Water/Wastewater	500 mL	Glass or Plastic	H ₂ SO ₄ to pH <2, Cool 4EC	28 days
Nitrogen, Nitrate	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	48 hours
Nitrogen, Nitrite	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	48 hours
Nitrogen, Nitrate & Nitrite	Water/Wastewater	100 mL	Glass or Plastic	H ₂ SO ₄ to pH <2, Cool 4EC	28 days
Odor	Water/Wastewater	200 mL	Glass	Cool 4EC	24 hours
Oil & Grease, HEM	Water/Wastewater	1000 mL	Glass	HCl to pH <2, Cool 4EC	28 days
Organic Carbon, Total	Water/Wastewater	100 mL	Glass or Plastic	H ₂ SO ₄ to pH <2, Cool 4EC	28 days
Oxygen, Dissolved	Water/Wastewater	500 mL	Glass Bottle & Top	None	Analyze immediately
pH	Water/Wastewater	100 mL	Glass or Plastic	None	Analyze immediately
Phenols	Water/Wastewater	1000 mL	Glass/Amber	H ₂ SO ₄ to pH <2, Cool 4EC	28 days

Table 4
REQUIRED CONTAINERS, PRESERVATION TECHNIQUES AND HOLDING TIMES

Inorganic Chemistry Laboratories - New Ulm, Minnesota, Bismarck, North Dakota and Nevada, Iowa
(Not all analyses are performed in every laboratory.)

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Phosphorus, Total Dissolved	Water/Wastewater	250 mL	Glass or Plastic	Filter On-site, H ₂ SO ₄ to pH <2, Cool 4EC	24 hours
Phosphorus, Total	Water/Wastewater	250 mL	Glass or Plastic	H ₂ SO ₄ to pH <2, Cool 4EC	28 days
Phosphorus, Ortho	Water/Wastewater	250 mL	Glass or Plastic	Filter, Cool 4°C	48 hours
Silica	Water/Wastewater	50 mL	Plastic	Cool 4EC, HNO ₃ to pH <2	28 days
Solids, Settleable	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	48 hours
Solids, Total	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	7 days
Solids, Total Dissolved	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	7 days
Solids, Suspended	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	7 days
Solids, Suspended Volatile	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	7 days
Solids, Total Volatile	Water/Wastewater	1000 mL	Glass or Plastic	Cool 4EC	7 days
Sulfate	Water/Wastewater	50 mL	Glass or Plastic	Cool 4EC	28 days
Sulfide	Water/Wastewater	500 mL	Glass or Plastic	NaOH to pH >9, Cool 4°C, Add 2 mL Zinc Acetate	7 days
Sulfide, Reactive	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	ASAP
Sulfite	Water/Wastewater	500 mL	Glass or Plastic	None	Analyze immediately
Surfactants	Water/Wastewater	500 mL	Glass or Plastic	Cool 4EC	48 hours
Tannin and Lignins	Wastewater	250 mL	Glass or Plastic	None	24 hours
Temperature	Water/Wastewater	1000 mL	Glass or Plastic	None	Analyze immediately
Toxicity Characterization Leaching Procedure (TCLP)	Liquid Waste	Sample and analysis dependent, call for instructions.			
	Solid Waste				
Turbidity	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	48 hours
Inorganic Food Analyses-New Ulm, Minnesota Laboratory only					
Ash	Food Products	10 g, 2 g	Sterile Container*	Ambient	NA
Ash Alkalinity	Food Products	10 g, 2 g	Sterile Container*	Ambient	NA
Extraneous Matter	Food Products	50 g	Clean Container	Ambient	NA
Fat-Acid Hydrolysis	Food Products	2-3 g	Clean Container	Ambient	NA
Fat - Babcock	Dairy Products	18 g, 9 g	Clean Container	Cool 4EC **	NA
Fat - Soxhlet & Mojonnier	Food Products	0.5-10 g	Clean Container	Ambient	NA
Fat Globule Size	Dairy Products	11 g	Clean Container	Cool 4EC **	NA
Flavor	Dairy Products	20 g	Clean Container	Cool 4EC**	NA
Free Fatty Acid	Food Products	5-10 g	Sterile Container*	Ambient	NA
Insect Fragments	Food Products	50 g	Clean Container	Ambient	NA
Iodine Value	Food Products	100 g	Sterile Container*	Ambient	NA
Moisture - Forced Air	Food Products	5-10 g	Sterile Container*	Ambient	NA
Peroxide Value	Food Products	Sample size that gives 5-10 g of fat	Sterile Container*	Ambient	NA
Phosphatase	Dairy Products	0.5 mL	Sterile Container*	Cool 4EC **	NA

Table 4
REQUIRED CONTAINERS, PRESERVATION TECHNIQUES AND HOLDING TIMES

Inorganic Chemistry Laboratories - New Ulm, Minnesota, Bismarck, North Dakota and Nevada, Iowa
(Not all analyses are performed in every laboratory.)

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Physical Appearance	Dairy Products	5 gm	Clean Container	Room Temperature	NA
Scorched Particles	Dairy Products	25 g	Clean Container	Room Temperature	NA
Sieve Rotap - Granulation	Food Products	100 g	Clean Container	Ambient	NA
Solubility Index	Dairy Products	20 g	Clean Container	Room Temperature	NA
Titrateable Acidity	Dairy Products	20 g	Sterile Container*	Cool 4EC **	NA
Total Solids	Food Products	2-5 g	Sterile Container*	Ambient	NA
Whey Protein Nitrogen	Dairy Products	2 g	Sterile Container*	Room Temperature	NA

< = less than

> = greater than

HNO₃ = Nitric Acid

H₂SO₄ = Sulfuric Acid

* = Bottle or whirlpack bag ** = Preservation for powders is room temperature

† = If fat content is unknown call MVTL Customer Service

Table 5
REQUIRED CONTAINERS, SENSITIVITY, PRESERVATION TECHNIQUES AND HOLDING TIMES

Microbiology Laboratory - New Ulm, Minnesota

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
ADV	Dairy Products	35 mL	Sterile Container*	Cool 4EC	NA
Aerobic Spores, Mesophilic	Food Products	11 g****	Sterile Container*	Ambient	NA
Aerobic Spores, Thermophilic	Food Products	11 g****	Sterile Container*	Ambient	NA
Clostridium Perfringens	Food Products	11 g****	Sterile Container*	Ambient	NA
Coliform - City	Water	100 mL	Sterile Container*	Cool 4EC ***	< 30 hours
Coliform - Farm	Water	100 mL	Sterile Container*	Cool 4EC	< 30 hours
Coliform - Fecal	Food Products	11 g****	Sterile Container*	Ambient	< 30 hours
Coliform - Fecal	Water/Wastewater	100 mL	Sterile Container*	Cool 4EC	6 hours/<24 hours (regulatory)
Coliform - Plate	Food Products	11 g****	Sterile Container*	Ambient	NA
Direct Microscopic Somatic Cell Count	Dairy Products	0.01 mL	Sterile Container*	Cool 4EC **	NA
Direct Microscopic Count	Dairy Products	0.01 mL	Sterile Container*	Cool 4EC **	NA
E. Coli - MPN	Food Products	11 g****	Sterile Container*	Ambient	NA
E. Coli - Plate	Food Products	11 g****	Sterile Container*	Ambient	NA
Iron Bacteria	Water	50 mL	Sterile Container*	Room Temperature	5 days
Fecal Streptococci	Water	100 mL	Sterile Container*	Cool 4EC	< 30 hours
KF Streptococci	Food Products	11 g****	Sterile Container*	Ambient	NA
Lactobacilli	Food Products	11 g****	Sterile Container*	Ambient	NA
Listeria	Food Products	25 g****	Sterile Container*	Ambient	NA
Molds & Yeasts	Food Products	11 g****	Sterile Container*	Ambient	NA
Proteolytic Bacteria	Food Products	11 g****	Sterile Container*	Ambient	NA
Pseudomonas	Food	10 mL	Sterile Container*	Cool 4EC	NA
Salmonella - Rapid Method	Food Products	25-1500 g	Sterile Container*	Ambient	NA
Salmonella	Food Products	25-1500 g	Sterile Container*	Ambient	NA
Shigella	Food Products	25 g	Sterile Container*	Ambient	< 24 hours
Standard Plate Count	Food Products	11 g****	Sterile Container*	Ambient	NA
Staphylococci - MPN	Food Products	11 g****	Sterile Container*	Ambient	NA
Staphylococci - Plate	Food Products	11 g****	Sterile Container*	Ambient	NA

* = bottle or whirlpak bag
 ** *= Sodium Thiosulfate

** = Temperature preservation for powders is ambient; all other samples should be preserved at 4EC.
 **** = This is the normal amount used, this may be varied to meet the client's needs.

Table 6
REQUIRED CONTAINERS, PRESERVATION TECHNIQUES AND HOLDING TIMES

Energy Laboratory - Bismarck, North Dakota Laboratory

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Coals	Coals	500 gm	Airtight Glass or Plastic	None	NA
Wear Metals	Lubricant Oil	100 mL	Plastic	None	NA
Oils and Fuels	--	*	Metal	None	NA
Overburdens	Soil	1000 gm	Plastic	None	NA

* = Sample/Analysis dependent, call for instructions.

Table 7
REQUIRED CONTAINERS, PRESERVATION TECHNIQUES AND HOLDING TIMES
Microbiological Analyses - Bismarck, North Dakota and Nevada, Iowa Laboratory

Parameter	Sample Matrix	Amount Needed	Container	Preservation	Holding Time
Coliform, Colilert	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	30 hours
Fecal Coliform, Colilert	Water/Wastewater	100 mL	Glass or Plastic	Cool 4EC	24 hours

Table 8
REQUIRED CONTAINERS AND PRESERVATION TECHNIQUES

Feed Laboratory - New Ulm, Minnesota

Parameter	Sample Matrix	Preservation
Ash	Feed/Forage/Pet Food	Ambient
Calcium	Feed/Forage/Pet Food	Ambient
Fat	Feed/Forage/Pet Food	Ambient
Fat	Feed/Ingredients	Ambient
Fat	Milk	Ambient
Fat	Pet Food	Ambient
Fiber, Crude	Feed/Forage/Pet Food	Ambient
Moisture	Feed/Forage/Pet Food	Ambient
Moisture	Feed/Ingredients	Ambient
Moisture	Molasses	Ambient
Moisture	Pet Food	Ambient
NPN	Feed/Forage/Pet Food	Ambient
Nitrates	Feed/Forage/Pet Food	Ambient
Phosphorus	Feed/Forage/Pet Food	Ambient
Protein	Feed/Forage/Pet Food	Ambient
Salt	Feed/Forage/Pet Food	Ambient
pH	Feed/Forage/Pet Food	Ambient
pH	Molasses	Ambient
pH	Pet Food	Ambient