

FOOD & BEVERAGE SECTION



**Midwest
Laboratories[®]**

CATALOG | 2021 EDITION





FOOD & BEVERAGE



Food & Beverage

FOOD & BEVERAGE PACKAGES

	Required Sample Size	Turnaround Time	Price
NUTRITIONAL LABELING (2020 FDA FORMAT)	250g	10 - 12 BD	\$800.00
Complete nutritional label (Raw data plus Nutrition Facts Panel)			
NUTRITIONAL LABELING OF PRODUCE	250g	10 - 12 BD	\$700.00
NUTRITIONAL LABELING OF ALCOHOL	250g	10 - 12 BD	\$850.00
Total Sugars, Fiber Sugar, Carbohydrates, Non-alcohol Carbohydrates, Fatty Acid Profile, Sugar Profile, Vitamin D3, Moisture (Karl Fischer), Cholesterol, Ethanol, Kjeldahl protein, Fat by Acid Hydrolysis, Ash, Calories, Potassium, Iron, Sodium, Calcium, Density at 20° C, Alcohol Content and added Sugars			
NUTRITIONAL LABEL IN MEAT	250g	10 - 12 BD	\$650.00
Proximates, Minerals, Cholesterol, Fatty Acid Profile, Vitamin D			
NUTRITIONAL LABEL VIA DATABASE	Recipe, Requires spec/nutrition sheets.	5 - 7 BD	\$120.00
LABEL CONVERSION (FROM U.S. LABEL)			
Canadian	--	5 - 7 BD	\$35.00
European	--	5 - 7 BD	\$35.00
Mexico	--	5 - 7 BD	\$35.00
LABEL CHANGES	--	5 - 7 BD	\$35.00
PROXIMATES IN MEATS & NON-MEATS	100g	5 - 7 BD	\$80.00
Moisture, Protein, Fat, Ash, Calories, Carbohydrates			
PROXIMATE COMPONENTS			
Ash	20g	3 - 5 BD	\$20.00
Fat (Acid Hydrolysis)	20g	3 - 5 BD	\$35.00
Fat (Eggs)	20g	3 - 5 BD	\$35.00
Fat (Cheese)	20g	3 - 5 BD	\$45.00
Fat (Pet Ether Extraction)	20g	3 - 5 BD	\$35.00
Moisture (Convection Oven)	20g	3 - 5 BD	\$20.00
Moisture (Vacuum Oven)	20g	3 - 5 BD	\$20.00
Moisture (Karl Fischer)	20g	3 - 5 BD	\$35.00
Protein (Combustion)	10g	3 - 5 BD	\$30.00
Protein (Kjeldahl)	10g	3 - 5 BD	\$35.00

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	Required Sample Size	Turnaround Time	Price
AMINO ACID PROFILE	50g	7 - 10 BD	\$300.00
<i>Requires Protein.</i> Alanine, Arginine, Aspartic acid, Cystine, Glutamic acid, Glycine, Histidine, Isoleucine, Leucine, Lysine, Methionine, Phenylalanine, Proline, Serine, Threonine, Tryptophan, Tyrosine, Valine			
BASIC MINERALS	100g	5 - 7 BD	\$75.00
Calcium, Iron, Potassium, Sodium			
CHOLESTEROL	100g	5 - 7 BD	\$120.00
FATTY ACID PROFILE	50g	7 - 10 BD	\$185.00
<i>Requires Fat.</i> Saturated, Mono and Polyunsaturated, Trans Fatty Acids, Omega 3, Omega 6, Omega 9			
FATTY ACIDS/CHOLESTEROL	50g	5 - 7 BD	\$250.00
<i>Requires Fat.</i> Fatty Acid Profile, Cholesterol			

	Required Sample Size	Turnaround Time:	Basic Screen Price	Event Specific Price
GMO DETECTION (DDPCR)				
Alfalfa	100g	5 - 7 BD	\$175.00	\$100.00
Canola	100g	5 - 7 BD	\$175.00	\$100.00
Corn	100g	5 - 7 BD	\$350.00	\$100.00
Flax	100g	5 - 7 BD	\$175.00	\$100.00
Papaya	100g	5 - 7 BD	\$175.00	\$100.00
Potato	100g	5 - 7 BD	\$175.00	\$100.00
Rapeseed (Canola)	100g	5 - 7 BD	\$175.00	\$100.00
Rice	100g	5 - 7 BD	\$175.00	\$100.00
Soy	100g	5 - 7 BD	\$295.00	\$100.00
Sugar Beets	100g	5 - 7 BD	\$175.00	\$100.00
Squash/zucchini	100g	5 - 7 BD	\$175.00	\$100.00
Tomato	100g	5 - 7 BD	\$175.00	\$100.00
Wheat	100g	5 - 7 BD	\$175.00	\$100.00

			Required Sample Size	Turnaround Time	Price
MEAT SPECIATION (DDPCR)					
Alligator	Chicken	Horse		Rabbit	Turkey
Beef	Duck	Kangaroo		Sheep	Venison
Bison	Goat	Pork			
Any one (1) of the above species			100g	4 - 5 BD	\$150.00
Any two (2) of the above species			100g	4 - 5 BD	\$225.00
Any three (3) of the above species			100g	4 - 5 BD	\$300.00
Any four (4) of the above species			100g	4 - 5 BD	\$375.00
SUGAR ALCOHOL PACKAGE (HPLC)			25g	7 - 10 BD	\$320.00
Glycerin (Glycerol), Mannitol, Sorbitol, Xylitol					
SUGAR ALCOHOL (HPLC)					
Glycerin (Glycerol)			25g	7 - 10 BD	\$80.00
Lactitol			25g	7 - 10 BD	\$250.00
Mannitol			25g	7 - 10 BD	\$250.00
Maltitol			25g	7 - 10 BD	\$250.00
Sorbitol			25g	7 - 10 BD	\$250.00
Xylitol			25g	7 - 10 BD	\$250.00
SUGAR PROFILE (HPLC)			50g	5 - 7 BD	\$100.00
Glucose, Fructose, Lactose, Maltose, Sucrose					

USP/FCC MONOGRAPHS

For a current list of the Monographs we offer and pricing, **PLEASE CALL 402-334-7770.**

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	Required Sample Size	Turnaround Time	Price
INDIVIDUAL ANALYSIS			
Acrylamide	50g	5 – 7 BD	\$150.00
Alcohol	200mL	5 – 7 BD	\$120.00
BRIX	50g	5 – 7 BD	\$40.00
Bulk Density	100g	4 – 6 BD	\$15.00
Caffeine (liquid only)	100g	5 – 7 BD	\$125.00
Filth (Light)	100g	5 – 7 BD	\$50.00
Filth (Heavy)	100g	5 – 7 BD	\$50.00
Fluoride	100g	5 – 7 BD	\$135.00
Gardner Color (oils)	100mL	3 – 5 BD	\$25.00
Hunter Color (solids)	100g	2 – 3 BD	\$16.00
Hydroxyproline (Collagen calculation)	100g	10 – 12 BD	\$115.00
Leak Detection	1 package	2 – 3 BD	\$20.00
Lovibond Color – Red (oils)	100mL	4 – 6 BD	\$20.00
Lovibond Color – Yellow (oils)	100mL	4 – 6 BD	\$20.00
Melting Point	100g	2 – 3 BD	\$75.00
Nitrate/Nitrite in Food Products	25g	5 – 7 BD	\$70.00
Nitrate/Nitrite in Dairy Products	25g	5 – 7 BD	\$70.00
Nitrite (in foods)	25g	5 – 7 BD	\$70.00
Patulin	50g	5 – 7 BD	\$150.00
pH	10g	4 – 6 BD	\$10.00
Reducing Sugar	100g	5 – 7 BD	\$100.00
Salt (Volhard Titration)	10g	3 – 5 BD	\$35.00
Saponification Value	100g	3 – 5 BD	\$50.00
Sensory Evaluation		4 – 6 BD	\$25.00
Sensory Panel	\$10.00 PER ATTRIBUTE PER PANELIST		
Sulfite	200g	3 – 5 BD	\$120.00
Sulfated Ash	20g	5 – 7 BD	\$50.00
Texture Analysis	20g	3 – 5 BD	\$40.00
TBHQ	50g	5 – 7 BD	\$110.00
Titratable Acidity	100g	4 – 6 BD	\$50.00
Water Activity	5g	3 – 5 BD	\$25.00



Food & Beverage BREWERIES

	<i>Required Sample Size</i>	<i>Turnaround Time</i>	<i>Price</i>
BREWER WATER	500mL	5 - 7 BD	\$91.50
Bicarbonate as CaCO ₃ , Carbonate as CaCO ₃ , Alkalinity, pH, Sodium, Calcium, Magnesium, Sulfate, Chloride, Hardness			
BREWER HOPS	50g	1 - 2 BD	\$45.00
Alpha Acids (Hops), Beta Acids (Hops), Alpha Acid (Cohumulone), Beta Acids (Cohumulone), Alpha Acid (n-+ Adhumulone), Beta Acid (n-+ Adhumulone), Moisture (Hops)			
BREWER FINAL PRODUCT	200g	5 - 7 BD	\$200.00
Maltose, Sucrose, Fructose, Glucose, Lactose, Density at 20° C, Alcohol Content (ABV)			
HOPS ESSENTIAL OILS	125g dried 200g wet	10 - 12 BD	\$150.00
Alpha humulene, Alpha pinene, Beta Caryophyllene, Beta pinene, Beta-Myrcene, Citronellol, Farnesene, Geraniol, Limonene, Linalool			
TOTAL OIL CONTENT	125g dried 200g wet	5 - 7 BD	\$80.00

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Food & Beverage METALS

	Required Sample Size	Turnaround Time	Price
CLASS I HEAVY METALS PACKAGE	50g	5 - 7 BD	\$140.00

References USP <233> Human Consumables & Supplements - Arsenic, Cadmium, Lead, Mercury

CLASS II HEAVY METALS PACKAGE	50g	5 - 7 BD	\$160.00
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References USP <233> Human Consumables & Supplements - Chromium, Copper, Iridium, Molybdenum, Nickel, Osmium, Palladium, Platinum, Rhodium, Vanadium

HEAVY METALS IN FOODS PACKAGE	50g	5 - 7 BD	\$160.00
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Arsenic, Cadmium, Lead, Mercury, Total Heavy Metals (sum of Antimony, Arsenic, Bismuth, Cadmium, Copper, Lead, Mercury, Molybdenum, Silver, Tin)

FOR ADDITIONAL METALS TESTINGS, REFER TO "INORGANIC METALS" ON PAGE 65



Food & Beverage ADDITIONAL TEST PACKAGES

ALLERGENS*

Almond/Mandel	10g	3 - 5 BD	\$100.00
Coconut	10g	3 - 5 BD	\$75.00
Crustacean	10g	3 - 5 BD	\$100.00
Egg	10g	3 - 5 BD	\$75.00
Fish	10g	3 - 5 BD	\$100.00
Gluten	10g	3 - 5 BD	\$75.00
Milk	10g	3 - 5 BD	\$75.00
Hazelnut	10g	3 - 5 BD	\$100.00
Lupine	10g	3 - 5 BD	\$100.00
Macadamia	10g	3 - 5 BD	\$100.00
Mustard	10g	3 - 5 BD	\$100.00
Peanut	10g	3 - 5 BD	\$100.00
Pecan	10g	3 - 5 BD	\$100.00
Sesame	10g	3 - 5 BD	\$100.00
Soy	10g	3 - 5 BD	\$75.00
Walnut	10g	3 - 5 BD	\$100.00

*All allergens available as swab analysis. All swabs must be ordered through Midwest Labs.

	Required Sample Size	Turnaround Time	Price	
CALCULATIONS				
Moisture Protein Ratio	100g	5 - 7 BD	\$50.00	
Water Phase Salt	15g	5 - 7 BD	\$55.00	
FIBER				
Fiber (Total Dietary)	200g	5 - 7 BD	\$200.00	
Total Fiber (Soluble & Insoluble Breakdown)	100g	5 - 7 BD	\$300.00	
HEADSPACE ANALYSIS (BS EN 14110)	<i>Call for sample size</i>	3 - 5 BD	\$80.00/EA	
1-Butanol	2-propanol	Amyl alcohol	Hexanal	Methanol
1-propanol	Acetone	Ethanol	Hexane	Propanal
2-methyl 1-propanol				
INULIN (FROM CHICORY)	200g	7 - 9 BD	\$165.00	
IODINE	25g	5 - 7 BD	\$82.00	
(Includes sample preparation)				
MERCURY (ICP-MS)	25g	5 - 7 BD	\$45.00	
(Includes sample preparation)				
ORGANIC ACIDS	100g	7 - 10 BD	\$120.00	
Acetic, Butyric, Lactic & Propionic Acids				
OXIDATION INDICATORS				
Acid Value (need expected value)	100g	4 - 6 BD	\$30.00	
Oxidative Stability Index (OSI)	100g	5 - 7 BD	\$85.00	
Free Fatty Acid	100g	5 - 7 BD	\$30.00	
Hexanal	50g	5 - 7 BD	\$80.00	
Iodine Value	25g	5 - 7 BD	\$50.00	
p-Anisidine	50g	5 - 7 BD	\$30.00	
Peroxide Value	100g	5 - 7 BD	\$30.00	
TBA (Thiobarbituric Acid)	20g	4 - 6 BD	\$60.00	

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			<i>Required Sample Size</i>	<i>Turnaround Time</i>	<i>Price</i>
RESIDUAL SOLVENTS I			200g	7 - 10 BD	\$125.00
1,2 - Dichloroethane	1,10 - Dichloroethane	1, 1, 1 - Trichloroethane		Benzene	Carbon Tetrachloride

RESIDUAL SOLVENTS II			200g	7 - 10 BD	\$175.00
1,2 - Dichloroethane	Chlorobenzene	Methyl Butylketone		Nitromethane	Tetralin
1,4-Droxane	Chloroform	Methyl Cyclohexane		Pyridine	Toluene
Acetonitrile	Hexane	Methylene Chloride		Tetrahydrofuran	Trichloroethene
Chlorobenzene	Methanol				

RESIDUAL SOLVENTS III			200g	7 - 10 BD	\$250.00
1-Butanol	2-methyl-1-propanol	Acetone		Ethyl ether	Pentane
1-propanol	2-propanol	Ethanol		Heptane	Tert-butyl methyl ester
2-Butanol	3-Methyl-1-butanol				

VISCOSITY

Brookfield	500mL	4 - 6 BD	\$60.00
Capillary	100mL	4 - 6 BD	\$60.00
Kinematic	50mL	5 - 7 BD	\$60.00
RVA testing (Rapid Visco Analyzer) (requires moisture)	25g	3 - 5 BD	\$80.00



Food & Beverage VITAMIN PACKAGES

	Required Sample Size	Turnaround Time	Price
VITAMIN A PACKAGE	100g	5 - 7 BD	\$150.00

Vitamin A (as Beta Carotene), Vitamin A (as Retinol)

VITAMIN B PACKAGE

Vitamin B2 (Riboflavin)	Vitamin B5 (Pantothenic Acid)	Vitamin B7 (Biotin)	Vitamin B12 (Cyanocobalamin)
Vitamin B3 (Niacin)	Vitamin B6 (Pyridoxine)	Vitamin B9 (Folic)	

Any one (1)	100g	7 - 10 BD	\$125.00
Any two (2)	250g	7 - 10 BD	\$200.00
Any three (3)	250g	7 - 10 BD	\$300.00
Full Screen	250g	7 - 10 BD	\$700.00

VITAMIN D PACKAGE	250g	5 - 7 BD	\$350.00
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Vitamin D2 (Ergocalciferol), Vitamin D3 (Cholecalciferol)

VITAMIN E PACKAGE	250g	5 - 7 BD	\$225.00
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Total Tocopherol: Alpha, Beta, Delta, Gamma

INDIVIDUAL VITAMINS & SUPPLEMENTS

Vitamin A (as Beta Carotene)	100g	5 - 7 BD	\$100.00
Vitamin A (as Retinol)	100g	5 - 7 BD	\$100.00
Vitamin B1 (Thiamine)	100g	7 - 10 BD	\$110.00
Vitamin B4 (Choline Chloride)	100g	7 - 10 BD	\$125.00
Vitamin C (Ascorbic Acid)	100g	5 - 7 BD	\$100.00
Vitamin C (Stay C)	100g	5 - 7 BD	\$100.00
Vitamin D2 (Ergocalciferol)	250g	5 - 7 BD	\$300.00
Vitamin D3 (Cholecalciferol)	250g	5 - 7 BD	\$300.00
Vitamin E (Alpha)	250g	5 - 7 BD	\$185.00
Vitamin E (Beta)	250g	5 - 7 BD	\$185.00
Vitamin E (Delta)	250g	5 - 7 BD	\$185.00
Vitamin E (Gamma)	250g	5 - 7 BD	\$185.00

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Food & Beverage MICROBIOLOGY

	Required Sample Size	Turnaround Time	Price
FS1: FOOD SCREEN	100g	5 D	\$75.00
Total Plate Count, Total Coliforms, E. coli, Staphylococcus aureus, Salmonella, Yeast, Mold 2 environmental swabs or sponges will be required to conduct this analysis.			
FS2: FOOD SCREEN PLUS LISTERIA	100g	5 D	\$90.00
Total Plate Count, Total Coliforms, E. coli, Staphylococcus aureus, Salmonella, Yeast, Mold, Listeria 3 environmental swabs or sponges will be required to conduct this analysis.			
FS3: FOOD SCREEN PLUS LISTERIA & E.COLI O157:H7	150g	5 D	\$120.00
Total Plate Count, Total Coliforms, E. coli, Staphylococcus aureus, Salmonella, Yeast, Mold, Listeria, E.coli O157:H7 4 environmental swabs or sponges will be required to conduct this analysis.			
AEROBIC PLATE & ANAEROBIC PLATE COUNT			
Aerobic 3M Petrifilm™	50g	2 D	\$20.00
Aerobic FDA/BAM III	50g	2 D	\$20.00
Aerobic USP	50g	3 D	\$30.00
Anaerobic	50g	2 D	\$20.00
Psychrotrophic	50g	7 D	\$20.00
AIR PLATES			
APC	Air Plate	2 D	\$20.00
Mold / Yeast	Air Plate	5 D	\$20.00
BACTERIA			
Bacillus	50g	2 D	\$30.00
Bacillus cereus	50g	1 D	\$30.00
Clostridium perfringens	50g	2 D	\$20.00
Enterobacteriaceae	50g	1 D	\$20.00
Fecal Coliform	50g	1 D	\$20.00
Pseudomonas	50g	4 D	\$20.00
Shigella	50g	3 D	\$30.00

	Required Sample Size	Turnaround Time	Price
GENERIC E. COLI			
3M Petrifilm™	50g	2 D	\$20.00
MPN	50g	2 - 4 D	\$25.00
USP	50g	3 D	\$30.00
HACCP TESTING			
USDA approved Petrifilm method for generic E. coli analysis			
Generic E. Coli	1 Sponge	2 D	\$20.00
HEMORRHAGIC E. COLI (O157:H7)			
BAX® PCR (25g)	50g	1 D	\$30.00
BAX® PCR (375g)	400g	1 D	\$35.00
Lateral Flow (25g)	50g	1 D	\$25.00
Lateral Flow (375g)	400g	1 D	\$35.00
LACTIC ACID & PROBIOTICS			
Lactic Acid Bacteria (aerobic)	50g	4 D	\$20.00
Lactic Acid Bacteria (anaerobic)	50g	4 D	\$20.00
LISTERIA			
L. mono BAX® PCR (25g)	50g	2 D	\$40.00
L. mono BAX® PCR (375g)	400g	2 D	\$50.00
Lateral Flow (25g)	50g	2 D	\$20.00
Lateral Flow (375g)	400g	2 D	\$30.00
Listeria Confirmation			call for current price
SALMONELLA			
BAX® PCR (25g)	50g	1 D	\$35.00
BAX® PCR (375g)	400g	1 D	\$45.00
Lateral Flow (25g)	50g	2 D	\$20.00
Lateral Flow (125g)	125g	2 D	\$25.00
Lateral Flow (375g)	400g	2 D	\$30.00
USP	50g	3 - 5 D	\$50.00
VIDAS (25g)	50g	1 D	\$25.00
VIDAS (375g)	400g	1 D	\$35.00
Salmonella Confirmation			call for current price
Salmonella Speciation (CheckPoints)	--	2 - 4 D	\$200.00

	Required Sample Size	Turnaround Time	Price
SPONGE/SWAB			
Aerobic Plate Count	1 Sponge/Swab	2 D	\$20.00
Clostridium perfringens	1 Sponge/Swab	2 D	\$20.00
Generic E. coli (3M Petrifilm™)	1 Sponge/Swab	2 D	\$20.00
Hemorrhagic E. coli O157:H7 (Lateral Flow)	1 Sponge/Swab	1 D	\$20.00
Hemorrhagic E. coli O157:H7 (BAX® PCR)	1 Sponge/Swab	1 D	\$40.00
Enterobacteriaceae (3M Petrifilm™)	1 Sponge/Swab	1 D	\$25.00
Listeria monocytogenes (BAX® PCR)	1 Sponge/Swab	2 D	\$40.00
Listeria (Lateral Flow)	1 Sponge/Swab	2 D	\$20.00
Pseudomonas	1 Sponge/Swab	3 D	\$20.00
Salmonella (BAX® PCR)	1 Sponge/Swab	1 D	\$35.00
Salmonella (Lateral Flow)	1 Sponge/Swab	2 D	\$20.00
Yeast & Mold	1 Sponge/Swab	5 D	\$20.00

NOTE: We use different buffer solutions therefore we need to receive multiple sponges if testing multiple analytes.

SPOREFORMERS

Mesophilic	50g	2 D	\$40.00
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STAPHYLOCOCCUS AUREUS

3M Petrifilm™ (25g)	50g	1 D	\$20.00
USP	50g	3 D	\$30.00

STEC PACKAGE

E. coli O157:H7, STEC (PCR) (375g)	400g	1 D	\$60.00
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TOTAL COLIFORMS

3M Petrifilm™	50g	2 D	\$20.00
MPN	50g	2 D	\$25.00

YEAST & MOLD

Yeast & Mold Count FDA/BAM	50g	5 D	\$20.00
Yeast & Mold Total USP	50g	5 D	\$20.00



Food & Beverage PESTICIDES

			Required Sample Size	Turnaround Time	Price
GLYPHOSATE & AMPA					
			25g	7 - 10 BD	\$275.00
ORGANOCHLORINE PESTICIDES					
Aldrin	delta-BHC	Endosulfan Sulfate	50g	7 - 10 BD	\$165.00
alpha Chlordane	Dieldrin	Endrin Aldehyde			
alpha-BHC	Endosulfan I (alpha)	Endrin Ketone			
beta-BHC	Endosulfan II (beta)	gamma Chlordane			
				Heptachlor	pp-DDD
				Heptachlor epoxide	pp-DDE Endrin
				Lindane (gamma-BHC)	pp-DDT
				Methoxychlor	
ORGANOPHOSPHORUS PESTICIDES					
Azinphos-methyl	Dichlorophos	Fention	50g	7 - 10 BD	\$165.00
Chlorpyrifos	Dimethoate	Malathion			
Coumaphos	Disulfoton	Merphos			
Dementon-O	EPN	Methyl parathion			
Dementon-S	Ethoprop	Mevinphos			
Diazinon	Fensulfothion	Naled			
				Parathion ethyl	Tetrachlorvinphos
				Phorate	Tokuthion
				Ronnel	Tribufos
				Sulfotep	Trichloronate
				Sulprofos (Bolstar)	
				TEPP	
NEUTRAL EXTRACTABLE PESTICIDES					
Acetochlor	Butylate	Ethalfuralin	50g	7 - 10 BD	\$165.00
Alachlor	Chlorpyrifos	Fonofos			
Ametryn	Cyanazine	Hexazinone			
Atrazine	Deisopropylatrazine	Isophenphos			
Benfluralin	Desethyl atrazine	Metolachlor			
Bromacil	Dimethenamid	Metribuzin			
Butachlor	EPTC (Eptam)	Oxadiazon			
				Pendimethalin	Terbufos
				Phorate	Triallate
				Prometon	Trifluralin
				Prometryn	
				Propachlor	
				Propazine	
				Simazine	
ORGANOCHLORINE/ORGANOPHOSPHORUS/NEUTRAL EXTRACTABLE PESTICIDE PACKAGE					
			50g	7 - 10 BD	\$300.00

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**COMPLETE GC/MS/MS
PESTICIDE SCREEN**

Required
Sample Size

50g

Turnaround
Time

7 - 10 BD

Price

\$340.00

(E)-Chlorfenvinphos	cis-Chlordane	Etridiazole	Mevinphos-1	Propargite-2
(Z)-Chlorfenvinphos	cis-Nonachlor	Fenamiphos	Mevinphos-2	Propazine
1,1-Dichloro-2,2-bis(4-ethylphenyl) ethane	Clomazone	Fenarimol	MGK-264	Propisochlor
2-Phenylphenol	Coumaphos	Fenchlorphos	Mirex	Propyzamide
2,4'-Methoxychlor	Cyanazine	Fenitrothion	Monocrotophos	Prothiofos
4,4'-Methoxychlor olefin	Cycoate	Fenpropathrin	Myclobutanil	Pyraclofos
Acephate	Cyfluthrin-1	Fenson	N-2,4-Dimethylphenyl formamide	Pyrazophos
Acequinocyl	Cyfluthrin-2	Fensulfothion	Naled	Pyridaben
Acetochlor	Cyfluthrin-3	Fenthion	Nitralin	Pyridaphenthion
Acrinathrin-2	Cyfluthrin-4	Fenvalerate-1	Nitrofen	Pyrimethan I
Alachlor	Cyhalothrin-1	Fenvalerate-2 (Esfenvalerate)	Norfurazon	Pyriproxyfen
Aldrin	Cyhalothrin-2	Fipronil	o,p'-DDD	Quinalphos
Allethrin-3,4 (Bioallethrin)	Cypermethrin-1	Fluazifop-P-butyl	o,p'-DDE	Quintozene
Allidochlor	Cypermethrin-2	Fluchloralin	o,p'-DDT	Resmethrin-1
alpha-BHC,	Cypermethrin-3	Flucythrinate-1	Omethoate	Resmethrin-2 (Bioresmethin)
alpha-Endosulfan	Cypermethrin-4	Flucythrinate-2	Oxadiazon	Simazine
Ametryn	Cyprodinil	Fludioxonil	Oxyfluorfen	Sulfotepp
Anthraquinone	Deisopropylatrazine	Fluquinconazole	p,p'-DDD	Sulprofos
Atrazine	delta-BHC	Fluridone	p,p'-DDE	tau-Fluvalinate-1
Azinphos-ethyl	Deltamethrin-1	Flusilazole	p,p' DDT	tau-Fluvalinate-2
Azinphos-methyl	Deltamethrin-2	Flutolan I	Pacloubtrazol	Tebuconazole,
Benfuralin	Demeton-O	Flutriafol	Parathion	Tebufenpyrad
beta-BHC	Demeton-S	Fluvalinate-1	Parathion-methyl	Tecnazene
beta-Endosulfan	Desethylatrazine	Fluvalinate-2	Pebulate	Tefuthrin
Bifenthrin	Di-allate-1	Folpet	Penconazole	TEPP
Biphenyl	Di-allate-2	Fonofos	Pendimethalin	Terbacil
Bromacil	Diazinon	gamma-BHC (Lindane)	Pentachloroaniline	Terbufos
Bromfenvinphos	Dichlobenil	Heptachlor	Pentachloroanisole	Terbutylazine
Bromfenvinphos-methyl	Dichlofluanid	Heptachlor-endo-epoxide	Pentachlorobenzene	Tetrachloroaniline,2,3,5,6-
Bromophos	Dichlofluanid metabolite	Heptachlor-exo-epoxide	Pentachlorobenzonitrile	Tetrachlorvinphos
Bromophos-ethyl	Dichloroaniline,3,4'	Hexachlorobenzene	Pentachlorothioanisole	Tetraflorin
Bromopropylate	Dichlorvos	Hexazinone	Permethrin-1	Tetrahydrophthalimide
Bupirimate	Dicolfol deg. (DCBP)	Imazalil	Permethrin-2	Tetramethrin-1
Butachlor	Didoran	Iodofenphos	Phenothrin-1	Tetramethrin-2
Butylate	Dieldrin	Iprodione	Phenotrin-2	Thiabendazole
Captafol	Dimethachlor	Isazofos	Phorate	Tolclofos-methyl
Captan	Dimethanamid	Isodrin	Phosalone	Tolyfluanid
Carbaryl	Dimethoate	Isofenphos	Phosmet	trans-Chlordane
Carbophenothion	Diphenamid	Isopropalin	Piperonyl butoxide	trans-Nonachlor
Carfentrazone-ethyl	Diphenylamine	lambda-Cyhalothrin	Pirimiphos-ethyl	Transfluthrin
Chlorbenside	Disulfoton	Lenacil	Pretlalachlor	Trbufos
Chlorfenapyr	Edifenphos	Leptophos	Primiphos-methyl	Tri-allate
Chlorfenson	Endosulfan ether	Linuron	Prochloraz	Triadimenol-1
Chloroneb	Endosulfan sulfate	Malathion	Procyimidone	Triadimefon
Chloropropylate	Endrin	Metalaxyl	Prodiamine	Triadimenol-2
Chloroethanolil	Endrin keytone	Metazachlor	Profenofos	Triazophos
Chlorpropham	EPN	Methacrifos	Profuralin	Trichloronat
Chlorpyrifos	EPTC	Methamidophos	Prometon	Tricydazole
Chlorpyrifos-methyl	Ethalfuralin	Methiocarb	Prometryn	Triflumizole
Chlorthal-dimethyl	Ethion	Methoxychlor	Propachlor	Trifluralin
Chlorthiophos-3	Ethoprophos	Metolachlor	Propanil	Vinclazolol
Chlozolinate	Etofenprox	Metribuzin	Propargite-1	

		Required Sample Size	Turnaround Time:	Price
COMPLETE LC/MS/MS PESTICIDE SCREEN		50g	7 - 10 BD	\$275.00
3-Hydroxycarbofurn	Cyproconazole Isomer 1	Flufenacet	Methomyl	Pyriproxyfen
Acephate	Cyproconazole Isomer 2	Flufenoxuron-H	Methoprytrine	Quinoxifen
Acetamiprid	Cyprodinil Cyromazine	Flumeturon	Methoxyfenozide	Rotenone
Acibenzolar-S methyl Test	Desmedipham	Fluoxastrobin	Metobromuron	Secbumeton
Alanycarb	Diclobutrazol	Fluquinconazole	Metobromuron-S	Siduron
Aldicarb	Dicrotophos	Flusilazole	Metribuzin	Simetryn
Aldicarb Sulfone	Diethofencarb	Flutolanil	Mevinphos Isomer 2	Spinetoram
Aldicarb Sulfoxide	Difenoconazole	Flutriafol	Mevinphos Isomer 1	Spinosad A
Ametryn	Diflubenzuron	Forchlorfenuron	Mexacarbate	Spinosad D
Aminocarb E	Dimethoate	Forchlorfenuron-S	Monceren	Spirodiclofen
Amitraz	Dimethomorph Isomer 1	Formetanate	Monocrotophos	Spiromesifen
Azoxystrobin	Dimethomorph Isomer 2	Fuberidazole	Monolinuron	Spirotetramat
Baycor	Dimoxystrobin	Furalaxyl	Moxidectin	Spiroxamine 1
Benalaxyl	Dinicnazole	Furathiocarb	Myclobutanil	Spiroxamine 2
Bendiocarb	Dioxacarb	Halofenozide	Neburon	Sulfentrazone
Benfuracarb	Diuron	Hexaconazole	Nitenpyram	Tebuconazole
Benzoximate	Doramectin	Hexaflumuron-H	Novaluron-H	Tebufozide
Bifenazate	Emamectin-benzoate A	Hexythiazox	Nuarimol	Tebufenpyrad
Boscalid	Emamectin-benzoate B	Imadacloprid	Omethoate	Tebuthiuron
Bromuconazole Isomer 1	Epoxiconazole	Imazalil	Oxadixyl	Teflubenzuron-H
Bromuconazole Isomer 2	Eprinomectin	Indoxacarb	Oxamyl	Terbumeton
Bupirimate	Ethiofencarb	Ipconazole	Paclbutrazol	Terbutryn
Buprofezin	Ethiprol	Iprovalicarb Isomer 1	Penconazole	Tetraconazole
Butafenacil	Ethirimol	Iprovalicarb Isomer 2	Phenmedipham	Thiabendazole
Butocarboxim	Ethofumesate	Isocarbophos	Picoxystrobin	Thiacloprid
Butoxycarboxim	Etoxazole	Isoproc carb	Piperonyl butoxide	Thiamethoxam
Carbaryl	Famoxadone	Isoproturon	Primicarb	Thidazuron
Carbenadazim	Fenamidone	Ivermectin	Prochloraz	Thiobencarb
Carbetamide	Fenarimol	Kresoxim-methyl	Promecarb	Thiofanox
Carbofuran	Fenazaquin	Linuron	Prometon	Thiophanate-methyl
Carboxin	Fenbuconazole	Lufenuron-H	Prometryne	Triadimefon
Carfentrazone-ethyl	Fenhexamid	Mandipropamid	Propargite	Triadimenol
Chloanthranilprole	Fenobucarb	Mefenacet	Propham-S	Trichlorfon
Chloroxuron	Fenoxycarb	Mepanipyrim	Propiconazole	Tricyclazole
Chlortoluron	Fenpropimorph	Mepronil	Propoxur	Trifloxystrobin
Clethodim	Fenproximate	Metaflumizone	Prothioconazole Test	Triflumizole
Clofentezine	Fenuron	Metalaxyl	Pymetrozine	Triflunuron
Clothianidin	Fonicamid	Metconazole	Pyracarbolid	Triticonazole
Cyazofamid	Fluazinam	Methabenzthiazuron	Pyraclastrobin	Vamidothion
Cycluron	Flubendiamide	Methamidophos	Pyridaben	Zoxamide
Cymoxanil	Fludioxonil	Methiocarb	Pyrimethanil	

COMBINED LC/MS/ & GC/MS PESTICIDE SCREEN		50g	7 - 10 BD	\$500.00
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If a quicker turnaround time is needed, please contact our Rush Coordinator for an estimated cost at RUSH_COORDINATOR@MIDWESTLABS.COM



Food & Beverage SHELF LIFE TESTING

CUSTOMIZED ACCELERATED & REAL TIME TESTING

Here at Midwest Laboratories, we offer a variety of different options and conditions for shelf life studies which we can customize specifically for your product.

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& PATHOGENS**

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Due to the custom nature of the testing, Shelf Life samples cannot be submitted through the portal, and prior arrangements must be made before sending samples. Speak to our Shelf Life Coordinator to learn more about our testing capabilities and options, as well as requesting a formal quote with details on pricing, testing, methodology, time points, length of study, and how much product may be needed.

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