

PET FOOD SECTION



**Midwest  
Laboratories<sup>®</sup>**

**CATALOG | 2021 EDITION**





# PET FOOD

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## Pet Food PET FOOD PACKAGES

	Required Sample Size	Turnaround Time	Price
<b>AAFCO PACKAGE (CAT FOOD)</b>	2000g	10 - 12 BD	<b>\$2,600.00</b>
Price includes entire AAFCO Profile, without Vitamin K.			
<b>AAFCO PACKAGE (DOG FOOD)</b>	2000g	10 - 12 BD	<b>\$2,400.00</b>
Price includes entire AAFCO Profile			
<b>F2: COMPLETE PROXIMATES (GUARANTEED ANALYSIS)</b>	250g	3 - 5 BD	<b>\$33.00</b>
Moisture, Crude Protein, Acid Hydrolysis Fat, Crude Fiber, Ash			
<b>F3: COMPLETE MINERAL</b>			
<i>Finished Product</i>	250g	2 -3 BD	<b>\$27.00</b>
<i>Mineral BaseMix/Pre-Mix</i>	250g	2 -3 BD	<b>\$35.00</b>
Sulfur, Calcium, Magnesium, Sodium, Manganese, Zinc, Potassium, Phosphorus, Iron, Copper			
<b>F9: COMPLETE PROXIMATE WITH MINERALS</b>	250g	3 - 5 BD	<b>\$52.00</b>
Moisture, Crude Protein, Acid Hydrolysis Fat, Crude Fiber, Ash, Calcium, Sulfur, Phosphorus, Potassium, Magnesium, Manganese, Iron, Copper, Sodium, Zinc			

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	Required Sample Size	Turnaround Time	Price
<b>AMINO ACID PROFILE</b> <i>Requires Protein</i>	50g	7 - 10 BD	<b>\$300.00</b>
Alanine, Arginine, Aspartic acid, Cystine, Glutamic acid, Glycine, Histidine, Isoleucine, Leucine, Lysine, Methionine, Phenylalanine, Proline, Serine, Threonine, Tryptophan, Tyrosine, Valine			

Cystine, Methionine	50g	7 - 10 BD	<b>\$105.00</b>
Lysine	50g	5 - 7 BD	<b>\$90.00</b>
Taurine	50g	5 - 7 BD	<b>\$90.00</b>

**ANTIBIOTIC RESIDUES (LC/MS/MS)** For formulations, we must have expected values

Chlortetracycline residue ( <i>CTC</i> )	Doxycycline residue	Erythromycin residue	
Oxytetracycline residue ( <i>OTC</i> )	Penicillin residue	Streptomycin residue	
Tetracycline residue	Tylosin residue	Virginiamycin residue	
Any one (1) of the above	100g	7 - 10 BD	<b>\$150.00</b>
Any two (2) of the above	100g per test	7 - 10 BD	<b>\$220.00</b>
Any three (3) of the above	100g per test	7 - 10 BD	<b>\$310.00</b>
Full Screen (as many as are available)	100g per test	7 - 10 BD	<b>\$550.00</b>

**ANTIOXIDANT**

Ethoxyquin	50g	5 - 7 BD	<b>\$100.00</b>
Propyl Gallate	50g	5 - 7 BD	<b>\$110.00</b>
BHA	50g	5 - 7 BD	<b>\$110.00</b>
BHT	50g	5 - 7 BD	<b>\$110.00</b>
TBHQ	50g	5 - 7 BD	<b>\$110.00</b>
BHA, BHT	50g	5 - 7 BD	<b>\$200.00</b>
BHA, BHT, TBHQ	50g	5 - 7 BD	<b>\$250.00</b>

**BIOGENIC AMINES**

<b>PACKAGE 1:</b> Putrecine, Cadaverine, Histamine	100g	5 - 7 BD	<b>\$150.00</b>
<b>PACKAGE 2:</b> Putrecine, Cadaverine, Histamine, Tryptamine, Tyramine, Spermidine, Spermine, 2-phenylethylamine	100g	5 - 7 BD	<b>\$205.00</b>

	Required Sample Size	Turnaround Time	Price	
<b>FATTY ACID PROFILE</b>	50g	7 - 10 BD	<b>\$185.00</b>	
Includes individual Fatty Acids, Saturated Fat, Monounsaturated Fat, Omega 3 Fatty Acids, Polyunsaturated Fat, Trans Fatty Acid, Omega 6 Fatty Acids. <i>(Requires Crude or Acid Fat)</i>				
<b>GLYCOALKALOIDS</b>	100g	5 - 7 BD	<b>\$150.00</b>	
(Alpha Chaconine & Alpha Solanine Total)				
<b>GLYCERIN PACKAGE</b>	100g	7 - 10 BD	<b>\$350.00</b>	
Ash, Glycerol, Methanol, Moisture (Karl Fischer), MONG (material organic non glycerol), Specific Gravity, Weight (lbs/gal)				
<b>HEADSPACE ANALYSIS (BS EN 14110)</b>	Call for sample size	3 - 5 BD	<b>\$80.00/EA</b>	
1-Butanol	2-propanol	Amyl alcohol	Hexanal	Methanol
1-propanol	Acetone	Ethanol	Hexane	Propanal
2-methyl 1-propanol				
<b>MEAT SPECIATION (DDPCR)</b>				
Alligator	Chicken	Horse	Rabbit	Turkey
Beef	Duck	Kangaroo	Sheep	Venison
Bison	Goat	Pork		
Any one (1) of the above species		100g	4 - 5 BD	<b>\$150.00</b>
Any two (2) of the above species		100g	4 - 5 BD	<b>\$225.00</b>
Any three (3) of the above species		100g	4 - 5 BD	<b>\$300.00</b>
Any four (4) of the above species		100g	4 - 5 BD	<b>\$375.00</b>
<b>MELAMINE &amp; RELATED COMPOUNDS (MARC) PACKAGE (LC/MS/MS)</b>				
Melamine, Cyanuric Acid, Ammeline, Ammelide	100g	5 - 7 BD	<b>\$180.00</b>	
Melamine Only	100g	5 - 7 BD	<b>\$120.00</b>	
<b>MYCOTOXIN ANALYSIS BY LC/MS/MS</b>				
Aflatoxin (B1, B2, G1, G2)	50g	5 - 7 BD	<b>\$75.00</b>	
DON (Vomitoxin)	50g	5 - 7 BD	<b>\$75.00</b>	
Fumonisin (B1, B2, B3)	50g	5 - 7 BD	<b>\$75.00</b>	
Ochratoxin A	50g	5 - 7 BD	<b>\$75.00</b>	
T2 Toxin	50g	5 - 7 BD	<b>\$75.00</b>	
Zearalenone	50g	5 - 7 BD	<b>\$75.00</b>	
Full Screen	50g	5 - 7 BD	<b>\$260.00</b>	
Patulin (not included in Full Screen)	50g	4 - 5 BD	<b>\$150.00</b>	

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	Required Sample Size	Turnaround Time	Price
<b>ORGANIC ACIDS</b>	100g	7 - 10 BD	<b>\$120.00</b>
Acetic, Butyric, Lactic & Propionic Acids			
<b>OXIDATION INDICATORS</b>			
Acid Value	50g	4 - 6 BD	<b>\$30.00</b>
Oxidative Stability Index (OSI)	100g	5 - 7 BD	<b>\$85.00</b>
Free Fatty Acid	25g	5 - 7 BD	<b>\$30.00</b>
Hexanal	50g	5 - 7 BD	<b>\$80.00</b>
Iodine Value	25g	5 - 7 BD	<b>\$50.00</b>
p-Anisidine	50g	5 - 7 BD	<b>\$30.00</b>
Peroxide Value	50g	5 - 7 BD	<b>\$30.00</b>
TBA (Thiobarbituric Acid)	20g	4 - 6 BD	<b>\$60.00</b>
<b>PENTOBARBITAL</b>	25g	5 - 7 BD	<b>\$325.00</b>
<b>PERCENT COOK</b>	25g	3 - 5 BD	<b>\$72.00</b>
Total Starch, Gelatinized Starch, and Percent Gelatinization			
<b>SUGAR PROFILE</b>	50g	5 - 7 BD	<b>\$100.00</b>
Glucose, Fructose, Sucrose, Maltose, Lactose			
<b>THYROXINE (TOTAL T3 + T4)</b>	10g	5 - 7 BD	<b>\$325.00</b>
<b>TOTAL DIETARY FIBER PACKAGE</b>	50-100g	5 - 7 BD	<b>\$300.00</b>
Soluble and insoluble			
<b>INDIVIDUAL ANALYSIS</b>			
Acid Detergent Insoluble Protein (Requires ADF)	20g	2 - 3 BD	<b>\$22.00</b>
Ammonia Nitrogen	20g	2 - 3 BD	<b>\$20.00</b>
Ash	10g	2 - 3 BD	<b>\$12.00</b>
Calories (BTU)	25g	3 BD	<b>\$45.00</b>
Chloride	10g	2 - 3 BD	<b>\$12.00</b>
Color (Hunter)	10g	2 - 3 BD	<b>\$16.00</b>
Commercial Sterility	1 can	10 BD	<b>\$100.00</b>
Fat (Crude)	10g	2 - 3 BD	<b>\$19.00</b>
Fat (with Acid Hydrolysis)	10g	2 - 3 BD	<b>\$26.00</b>
Fiber (Crude)	10g	2 - 3 BD	<b>\$12.00</b>
Free Fatty Acids	25g	3 BD	<b>\$30.00</b>

	Required Sample Size	Turnaround Time	Price
Glycerol (Glycerin)	50g	7 - 10 BD	<b>\$80.00</b>
Moisture	10g	2 - 3 BD	<b>\$10.00</b>
Moisture (Karl Fisher)	10g	5 - 7 BD	<b>\$50.00</b>
Nitrate	10g	2 - 3 BD	<b>\$16.00</b>
p-anisidine	25g	3 BD	<b>\$30.00</b>
pH	10g	2 - 3 BD	<b>\$10.00</b>
Protein, Crude	10g	2 - 3 BD	<b>\$15.00</b>
Protein, Pepsin Digestible (Requires Crude Protein)	20g	2 - 3 BD	<b>\$25.00</b>
RVA Testing (Rapid Visco Analyzer) (requires moisture)	25g	4 - 6 BD	<b>\$80.00</b>
Total Starch	20g	3 BD	<b>\$36.00</b>
Total Fatty Acids	30g	7 - 10 BD	<b>\$100.00</b>
Xanthophyll	25g	4 - 6 BD	<b>\$75.00</b>



## Pet Food METALS

<b>CLASS I HEAVY METALS PACKAGE</b>	50g	5 - 7 BD	<b>\$140.00</b>
Arsenic, Cadmium, Lead, Mercury			

<b>PET FOOD HEAVY METALS PACKAGE</b>			
Antimony, Arsenic, Cadmium, Lead	25g	5 - 7 BD	<b>\$80.00</b>
Antimony, Arsenic, Cadmium, Lead, Mercury	25g	5 - 7 BD	<b>\$105.00</b>
Only Mercury	25g	5 - 7 BD	<b>\$45.00</b>
Molybdenum	25g	3 - 5 BD	<b>\$36.00</b>
Selenium (Final Product)	25g	5 - 7 BD	<b>\$40.00</b>
Selenium (Se Premixes Only)	25g	5 - 7 BD	<b>\$50.00</b>

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

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## Pet Food VITAMINS

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

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

### VITAMIN B PACKAGE - WATER SOLUBLE

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	<b>\$125.00</b>
Any two (2)	250g	7 - 10 BD	<b>\$200.00</b>
Any three (3)	250g	7 - 10 BD	<b>\$300.00</b>
Full Screen	250g	7 - 10 BD	<b>\$700.00</b>

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

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

### INDIVIDUAL VITAMINS & SUPPLEMENTS

Vitamin A (as Beta Carotene)	100g	5 - 7 BD	<b>\$100.00</b>
Vitamin A (as Retinol)	100g	5 - 7 BD	<b>\$100.00</b>
Vitamin B1 (Thiamine)	100g	7 - 10 BD	<b>\$110.00</b>
Vitamin B4 (Choline Chloride)	100g	7 - 10 BD	<b>\$125.00</b>
Vitamin C (Ascorbic Acid)	100g	5 - 7 BD	<b>\$100.00</b>
Vitamin C (Stay C)	100g	5 - 7 BD	<b>\$100.00</b>
Vitamin D2 (Ergocalciferol)	250g	5 - 7 BD	<b>\$300.00</b>
Vitamin D3 (Cholecalciferol)	250g	5 - 7 BD	<b>\$300.00</b>
Vitamin E (Alpha)	250g	5 - 7 BD	<b>\$185.00</b>
Vitamin E (Beta)	250g	5 - 7 BD	<b>\$185.00</b>
Vitamin E (Delta)	250g	5 - 7 BD	<b>\$185.00</b>
Vitamin E (Gamma)	250g	5 - 7 BD	<b>\$185.00</b>
Chondroitin ( <i>Chondroitin Sulfate A, Chondroitin Sulfate C, Total Chondroitin</i> )	100g	7 - 9 BD	<b>\$300.00</b>
Glucosamine	20g	6 - 8 BD	<b>\$350.00</b>
L.Carnitine	20g	5 - 7 BD	<b>\$225.00</b>





## Pet Food MICROBIOLOGY

	Required Sample Size	Turnaround Time	Price
<b>PET FOOD SCREEN</b>	100g	5 BD	<b>\$75.00</b>
Aerobic Plate Count, E. coli, Salmonella, Total Coliforms, Staphylococcus aureus, Yeast, Mold Count			
<b>PET FOOD SCREEN PLUS LISTERIA</b>	100g	5 BD	<b>\$90.00</b>
Aerobic Plate Count, E. coli, Salmonella, Total Coliforms, Staphylococcus aureus, Yeast, Mold Count, Listeria			
<b>AEROBIC PLATE COUNT</b>	50g	2 D	<b>\$20.00</b>
<b>ANAEROBIC PLATE COUNT</b>	50g	2 D	<b>\$20.00</b>
<b>BACILLUS</b>	50g	3 D	<b>\$30.00</b>
<b>BIFIDOBACTERIUM</b>	50g	3 D	<b>\$30.00</b>
<b>BOTULINUM TOXIN A/B</b>	50g	3 - 7 D	<b>\$100.00</b>
<b>CLOSTRIDIUM</b>	50g	2 D	<b>\$20.00</b>
<b>ENTEROBACTERIACEAE</b>	50g	1 D	<b>\$25.00</b>
<b>EU PACKAGE</b>	150g	1 D	<b>\$60.00</b>
Requires 5 individual sub-samples			
<b>GENERIC E.COLI</b>			
3M Petrifilm™	50g	2 D	<b>\$20.00</b>
MPN	50g	2 - 4 D	<b>\$25.00</b>
<b>HEMORRHAGIC E. COLI (O157:H7) (25G)</b>			
BAX® PCR	50g	1 D	<b>\$35.00</b>
Lateral Flow	50g	1 D	<b>\$55.00</b>
<b>LACTIC ACID BACTERIA PACKAGE</b>	50g	4 D	<b>\$40.00</b>
Lactic Acid Bacteria (aerobic), Lactic Acid Bacteria (anaerobic)			

	Required Sample Size	Turnaround Time	Price
<b>LISTERIA (25g)</b>			
L. mono BAX® PCR	50g	2 D	<b>\$40.00</b>
Lateral Flow	50g	2 D	<b>\$20.00</b>
<b>PSEUDOMONAS</b>			
	25g	4 D	<b>\$20.00</b>
<b>SALMONELLA</b>			
BAX® PCR (25g)	50g	1 D	<b>\$35.00</b>
BAX® PCR (125g)	125g	1 D	<b>\$40.00</b>
BAX® PCR (375g)	400g	1 D	<b>\$45.00</b>
Lateral Flow (25g)	50g	2 D	<b>\$20.00</b>
Lateral Flow (125g)	125g	2 D	<b>\$30.00</b>
Lateral Flow (375g)	400g	2 D	<b>\$35.00</b>
VIDAS (25g)	50g	1 D	<b>\$25.00</b>
VIDAS (375g)	400g	1 D	<b>\$35.00</b>
Salmonella Confirmation (25g)	50g	4 - 6 D	<b>\$200.00</b>
Salmonella Speciation (CheckPoints) (25g)	50g	2 - 4 D	<b>\$200.00</b>
<b>STAPHYLOCOCCUS AUREUS</b>			
3M Petrifilm™	50g	1 D	<b>\$20.00</b>
<b>STREPTOCOCCUS</b>			
	50g	3 D	<b>\$30.00</b>
<b>YEAST &amp; MOLD</b>			
Yeast & Mold Count FDA/BAM	50g	5 D	<b>\$20.00</b>



**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	Cycloate	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	Sulfotep
Antraquinone	Deisopropyltriazine	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	Paclotrutzol	Tebuconazole,
Benfuralin	Demeton-O	Flutriafol	Parathion	Tebufenpyrad
beta-BHC	Demeton-S	Fluvalinate-1	Parathion-methyl	Tecnazene
beta-Endosulfan	Desethyltriazine	Fluvalinate-2	Pebulate	Tefuthrin
Bifenthrin	Di-allate-1	Folpet	Penconazole	TEPP
Biphenyl	Di-allate-2	Fonofos	Pentdimethalin	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	Tetradifon
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	Phenotr-2	Thiabendazole
Captafol	Dimethachlor	Isazofos	Phorate	Tolclofos-methyl
Captan	Dimethanamid	Isodrin	Phosalone	Tolyfluaniid
Carbaryl	Dimethoate	Isofenphos	Phosmet	trans-Chlordane
Carbophenothion	Diphenamid	Isopropalin	Piperonyl butoxide	trans-Nonachlor
Carfentrazone-ethyl	Diphenylamine	lambda-Cyhalothrin	Pirimiphos-ethyl	Transfluthrin
Chlorbenside	Disulfoton	Lenacil	Pretilachlor	Trbufos
Chlorfenapyr	Edifenphos	Leptophos	Primiphos-methyl	Tri-allate
Chlorfenson	Endosulfan ether	Linuron	Prochloraz	Triadeimenol-1
Chloroneb	Endosulfan sulfate	Malathion	Procyimidone	Triadimefon
Chloropropylate	Endrin	Metalaxyl	Prodiamine	Triadimenol-2
Chlorothalonil	Endrin keytone	Metazachlor	Profenofos	Triazophos
Chlorpropham	EPN	Methacrifos	Profluralin	Trichloronat
Chlorpyrifos	EPTC	Methamidophos	Prometon	Tricydazole
Chlorpyrifos-methyl	Ethalfuralin	Methiocarb	Prometryn	Triflumizole
Chlorthal-dimethyl	Ethion	Methoxychlor	Propanchlor	Trifluralin
Chlorthiophos-3	Ethoprophos	Metolachlor	Propanil	Vinclozolin
Chlozolinate	Etofenprox	Metribuzin	Propargite-1	

		Required Sample Size	Turnaround Time	Price
<b>COMPLETE LC/MS/MS PESTICIDE SCREEN</b>		50g	7 – 10 BD	<b>\$325.00</b>
3-Hydroxycarbofurn	Cyproconazole Isomer 1	Flufenacet	Methomyl	Pyriproxyfen
Acephate	Cyproconazole Isomer 2	Flufenoxuron-H	Methoptryne	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	Diniconazole	Furathiocarb	Myclobutanil	Spiroxamine 2
Bendiocarb	Dioxacarb	Halofenozide	Neburon	Sulfentrazone
Benfuracarb	Diuron	Hexaconazole	Nitenpyram	Tebuconazole
Benzoximate	Doramectin	Hexaflumuron-H	Novaluron-H	Tebufenozide
Bifenazate	Emamectin-benzoate A	Hexythiazox	Nuarimol	Tebufenpyrad
Boscalid	Emamectin-benzoate B	Imadacloprid	Omethoate	Tebuuthiuron
Bromuconazole Isomer 1	Epoxiconazole	Imazalil	Oxadiazole	Teflubenzuron-H
Bromuconazole Isomer 2	Eprinomectin	Indoxacarb	Oxamyl	Terbumeton
Bupirimate	Ethiofencarb	Iponazole	Paclbutrazol	Terbutryn
Buprofezin	Ethiprol	Iprovalicarb Isomer 1	Penconazole	Tetraconazole
Butafenacil	Ethirimol	Iprovalicarb Isomer 2	Phenmedipham	Thiabendazole
Butocarboxim	Ethofumesate	Isocarbophos	Picoxystrobin	Thiacloprid
Butoxycarboxim	Etoxazole	Isoprocab	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
Chloantraniliprole	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	Triflumuron
Clothianidin	Flonicamid	Metconazole	Pyracarbolid	Triticonazole
Cyazofamid	Fluazinam	Methabenzthiazuron	Pyraclastrobin	Vamidothion
Cycluron	Flubendiamide	Methamidophos	Pyridaben	Zoxamide
Cymoxanil	Fludioxonil	Methiocarb	Pyrimethanil	

<b>COMBINED LC/MS/ &amp; GC/MS PESTICIDE SCREEN</b>		50g	7 – 10 BD	<b>\$500.00</b>
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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](mailto:RUSH_COORDINATOR@MIDWESTLABS.COM)



## **Pet Food 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.

**FROZEN FOODS**

**CHEMICAL**

**REFRIGERATED FOODS**

**ANALYTICAL**

**AMBIENT PRODUCTS**

**SENSORY TESTS**

**ACCELERATED  
SHELF LIFE**

**MICROBIOLOGICAL  
& PATHOGENS**

Our studies are flexible and can be tailored to specific requirements that you may want for your product. Whether you are verifying or extending an existing shelf life or testing completely new product, we are happy to help.

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.

**LEARN MORE BY VISITING  
[MIDWESTLABS.COM/SHEFLIFETESTING](https://www.midwestlabs.com/shelflifetesting)**

**OR CONTACT OUR SHELF LIFE COORDINATOR  
TO GET STARTED: (402) 334-7770**











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