

GC+LC-USA

Limit of Quantitation (LOQ): 0.010 mg/kg (ppm)

Sample Types: Low Fat Content Samples

Minimum Sample Size: 100 grams (~1/4 pound). Certain products require more for better sample representation.

Instrument: GC-MS/MS and LC-MS/MS

Turnaround: 24-48 hours

Accreditation: Part of AGQ USA's ISO/IEC 17025 Accreditation Scope

4,4'-Dichlorobenzophenone	Bupirimate	Cyantraniliprole	Diflufenican
Abamectin	Buprofezin	Cyazofamid	Dimethoate
Acephate	Butachlor	Cycloate	Dimethoate (Sum)
Acequinocyl	Butocarboxim	Cycloxydim	Dimethomorph
Acetamiprid	Butralin	Cyflufenamid	Diniconazole
Acetochlor	Cadusafos	Cyfluthrin	Dinocap
Acrinathrin	Captafol	Cymoxanil	Dinotefuran
Alachlor	Captan	Cyproconazole	Diphenylamine
Aldicarb	Captan (Sum)	Cyprodinil	Disulfoton
Aldicarb (Sum)	Carbaryl	Cyromazine	Disulfoton (Sum)
Aldicarb-sulfone	Carbofuran	DDD- <i>o,p</i>	Disulfoton-sulfone
Aldicarb-sulfoxide	Carbofuran-3-hydroxy	DDD- <i>p,p</i> + DDT- <i>o,p</i>	Disulfoton-sulfoxide
Aldrin	Carbophenothion	DDE- <i>o,p</i>	Ditalimfos
Ametryn	Carbosulfan	DDE- <i>p,p</i>	Diuron
Amitraz	Carboxine	DDT (Sum)	Dodemorph
Atrazine	Carfentrazone-ethyl	DDT- <i>p,p</i>	Dodine
Azadirachtin	Chinomethionat	DEET	Emamectin Benzoate
Azamethiphos	Chlorantraniliprole	Deltamethrin	Endosulfan (A+B+Sulf)
Azinphos-ethyl	Chlordane	Demeton	Endosulfan Alfa
Azinphos-methyl	Chlordane Trans	Demeton-S-methyl-sulfone	Endosulfan Beta
Azoxystrobin	Chlorfenapyr	Desmedipham	Endosulfan Sulfate
Benalaxyl	Chlorfenson	Diafenturion	Endrin
Ben-Carb-TPM (Sum)	Chlorfenvinphos	Dialifos	EPN
Bendiocarb	Chlorfluazuron	Diazinon	Epoxiconazole
Benfluralin	Chloridazon	Dichlobenil	EPTC
Benfuracarb	Chlormephos	Dichlofenthion	Ethalfuralin
Benomyl-Carbendazim	Chlorobenzilate	Dichlormid	Ethiofencarb
Bentazone	Chloropropylate	Dichloroprop	Ethiofencarb sulfoxide
Bentazone-methyl	Chlorothalonil	Dichlorvos	Ethion
Benthiavalicarb-isopropyl	Chlorotoluron	Diclobutrazol	Ethiprole
Bifenazate	Chlorpropham	Diclofop	Ethirimol
Bifenthrin	Chlorpyrifos-ethyl	Diclofop-methyl	Ethofumesate
Bioallethrin	Chlorpyrifos-methyl	Dicloran	Ethoprophos
Biphenyl	Chlortal-dimethyl (DCPA)	Dicofol	Ethoxyquin
Bitertanol	Chlozolate	Dicofol (Sum)	Etophenprox
Boscalid	Chordane Cis	Dicrotophos	Etoxazole
Bromacil	Clethodim	Dieldrin	Etridiazol
Bromophos-methyl	Clethodim (Sum)	Dieldrin (Sum)	Etrimfos
Bromopropylate	Clofentezine	Diethofencarb	Famoxadone
Bromoxynil	Clomazone	Difenoconazole	Fenamidone
Bromuconazole	Clothianidin	Diflubenzuron	Fenamiphos

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Fenarimol	Haloxypop	Metholcarb	Permethrin
Fenazaquin	Haloxypop (Sum)	Methomyl	Phenclorophos
Fenbuconazol	Haloxypop-2-ethoxyethyl	Methomyl (Sum)	Phenmediphan
Fenbutatin-oxide	Haloxypop-methyl	Methoxychlor	Phenthoate
Fenhexamide	Heptachlor	Methoxyfenozide	Phorate
Fenitrothion	Hexachlorobenzene	Metoxuron	Phorate (Sum)
Fenobucarb	Hexachlorobutadiene	Metrafenone	Phorate sulfone
Fenoxycarb	Hexaconazole	Metribuzin	Phorate sulfoxide
Fenpropathrin	Hexaflumuron	Mevinphos	Phosalone
Fenpropidin	Hexythiazox	Mirex	Phosmet
Fenpropimorph	Imazalil	Molinate	Phosmet (Sum)
Fenpyrazamine	Imidacloprid	Monocrotophos	Phosmet-oxon
Fenpyroximate	Indaziflam	Monolinuron	Phosphamidon
Fensulfothion	Indoxacarb	Myclobutanil	Phthalimide (Folpet)
Fenthion	Iprodione	Naled	Picoxystrobin
Fenthion-sulfone	Iprovalicarb	Naled (Sum)	Piperonyl butoxide
Fenthion-sulfoxide	Isazofos	Napropamide	Pirimicarb
Fenvalerate+Esfenvalerate	Isocarbophos	Nitenpyram	Pirimiphos-ethyl
Fipronil	Isofenphos	Norflurazon	Pirimiphos-methyl
Flonicamid	Isophenfos-methyl	Novaluron	Prochloraz
Fluazifop-butyl	Isoprothiolane	Nuarimol	Procymidone
Fluazifop-P	Isoproturon	Ofurace	Profenofos
Fluazinam	Isoxaben	Omethoate	Profluralin
Flubendiamide	Kresoxim-methyl	o-Phenylphenol	Promecarb
Flucythrinate	Lambda-Cyhalothrin	Oryzalin	Prometryn
Fludioxonil	Lenacile	Oxadiargyl	Propachlor
Flufenacet	Lindane	Oxadiazon	Propamocarb
Flufenoxuron	Linuron	Oxadixyl	Propanil
Flumioxazin	Lufenuron	Oxamyl	Propaquizafop
Fluometuron	Malathion	Oxycarboxin	Propargite
Fluopicolide	Mandipropamid	Oxydemeton-methyl	Prophan
Fluopyram	Mecarbam	Oxydemeton-methyl (Sum)	Propiconazole
Fluotrimazole	Mepanipyrim	Oxyfluorfen	Propoxur
Fluquinconazol	Mepronil	Paclobutrazol	Propyzamide
Flusilazole	Metaflumizone	Paraoxon-ethyl	Proquinazid
Flutolanil	Metalaxyl-M (Mefenoxam)	Paraoxon-methyl	Prosulfocarb
Flutriafol	Metalochlor	Parathion-ethyl	Prothioconazole
Folpet	Metamitron	Parathion-ethyl (Sum)	Prothiofos
Folpet (Sum)	Metazachlor	Parathion-methyl	Pymetrozine
Fonofos	Metconazole	Parathion-methyl (Sum)	Pyraclostrobin
Forchlorfenuron	Methacrifos	Penconazole	Pyraflufen-ethyl
Formetanate	Methamidophos	Pencycuron	Pyrazophos
Formothion	Methidathion	Pendimethalin	Pyridaben
Fosthiazate	Methiocarb	Pentachloroaniline	Pyridalyl
Fuberidazole	Methiocarb (Sum)	Pentachloroanisole	Pyridaphenthion
Furalaxyl	Methiocarb sulfoxide	Pentachlorobenzene	Pyridate
Furathiocarb	Methiocarb sulphone	Penthiopyrad	Pyrifenoxy

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Pyrimethanil	Spirotetramat-mono-hydroxy	Terbutryn	Tralomethrine
Pyriproxyfen	Spiroxamine	Tetrachlorvinphos	Transfluthin
Quinalphos	Sulfotep	Tetraconazole	Triadimefon
Quinoxifen	Sulfoxaflor	Tetradifon	Triadimenol
Quintozene	Tau-Fluvalinate	Tetrahydrophthalimide (THPI)	Triadimenol+Triadimefon
Quintozene (Sum)	Tebuconazole	Tetramethrin	Triazophos
Quizalofop	Tebufenozide	Thiabendazole	Trichlorfon
Rotenone	Tebufenpyrad	Thiacloprid	Tricyclazole
Saflufenacil	Tecnazene	Thiamethoxam	Tridemorph
Sethoxydim	Teflubenzuron	Thiamethoxam (Sum)	Trifloxystrobin
Simazine	Tefluthrin	Thiobencarb	Triflumizole
Spinetoram	Terbacil	Thiocyclam	Triflumuron
Spinosad (A+D)	Terbufos	Thiodicarb	Trifluralin
Spirodiclofen	Terbufos (Sum)	Thiometon	Triforine
Spiromesifen	Terbufos-oxon-sulfone	Thiophanate-methyl	Uniconazole
Spirotetramat	Terbufos-sulfone	Tolclofos Methyl	Vinclozolin
Spirotetramat (Sum)	Terbufos-sulfoxide	Tolfenpyrad	Zeta-cypermethrin
Spirotetramat-cis-enol	Terbumeton	Tolylfluanid	Zoxamide
Spirotetramat-cis-keto-hydroxy	Terbutylazine		

Sums are performed for regulatory compliance interpretation assistance for specific markets. See below:

Aldicarb (Sum)	Aldicarb + Aldicarb-sulfone + Aldicarb-sulfoxide
Ben-Carb-TPM (Sum)	Benomyl-Carbendazim + Thiophanate Methyl
Captan (Sum)	Captan + Tetrahydrophthalamide
Clethodim (Sum)	Clethodim + Sethoxydim
DDT (Sum)	DDE-o,p + DDE-p,p + DDD-o,p + DDD-p,p + DDT-o,p + DDT-p,p
Dicofol (Sum)	Dicofol + 4,4'-Dichlorobenzophenone
Dieldrin (Sum)	Aldrin + Dieldrin
Dimethoate (Sum)	Dimethoate + Omethoate
Disulfoton (Sum)	Disulfoton + Disulfoton-sulfone + Disulfoton-sulfoxide
Endosulfan (A+B+Sulf)	Endosulfan Alpha + Endosulfan Beta + Endosulfan Sulfate
Folpet (Sum)	Folpet + Phthalimide
Haloxypop (Sum)	Haloxypop + Haloxypop-methyl + Haloxypop-2-ethoxyethyl
Methiocarb (Sum)	Methiocarb + Methiocarb sulfoxide + Methiocarb sulfone
Methomyl (Sum)	Methomyl + Thiodicarb
Naled (Sum)	Naled + Dichlorvos
Oxydemeton-methyl (Sum)	Demeton-S-Methyl-Sulfone + Oxydemeton-methyl
Parathion-ethyl (Sum)	Parathion-ethyl + Paraoxon-ethyl
Parathion-methyl (Sum)	Parathion-methyl + Paraoxon-methyl
Phorate (Sum)	Phorate + Phorate Sulfone + Phorate Sulfoxide
Phosmet (Sum)	Phosmet + Phosmet-oxon
Quintozene (Sum)	Quintozene + Pentachloroaniline
Spirotetramat (Sum)	Spirotetramat + Spirotetramat-cis-enol + Spirotetramat-cis-keto-hydroxy + Spirotetramat-mono-hydroxy
Terbufos (Sum)	Terbufos + Terbufos-sulfone + Terbufos-sulfoxide
Thiamethoxam (Sum)	Thiamethoxam + Clothianidin
Triadimenol+Triadimefon	Triadimenolo + Triadimefon