

Columbia Food Laboratories, Inc
P2220 Multi-Residue Profile

Compound	LOQ	Compound	LOQ	Compound	LOQ
2,4-D	0.01	Carbophenothion-methyl	0.01	Desmedipham	0.01
2,4-DB	0.01	Carboxin	0.01	Diallate	0.01
2,4-DP (Dichlorprop)	0.01	Carfentrazone-ethyl	0.01	Diazinon	0.01
2,4,5-TP	0.01	Chlorantraniliprole	0.01	Diazoxon	0.01
Acephate	0.02	Chlordane, cis-	0.01	Dicamba	0.01
Acequinocyl	0.01	Chlordane, trans-	0.01	Dichlobenil	0.01
Acetamiprid	0.01	Chlordimeform	0.01	Dichlofenthion	0.01
Acetochlor	0.01	Chlorfenapyr	0.01	Dichlofluanid	0.01
Aciflorfen	0.01	Chlorfenson (Ovex)	0.01	Dichlorbenzamide	0.01
Acrinathrin	0.01	Chlorfenvinphos	0.01	Dichlorvos	0.01
Alachlor	0.01	Chlorimuron-ethyl	0.01	Diclobutrazol	0.01
Aldicarb	0.01	Chlornitrofen (CNP)	0.01	Diclofop-methyl	0.01
Aldicarb sulfoxide	0.01	Chlorobenzilate	0.01	Dicloran	0.01
Aldoxycarb (Aldicarb-sulfuron)	0.01	Chloroneb	0.01	Dicofol, p,p'-	0.01
Aldrin	0.01	Chlorothalonil	0.01	Dicofol, o,p'-	0.01
Ametryn	0.01	Chlorpropham (CIPC)	0.01	Dicrotophos	0.01
Aspon	0.01	Chlorpyrifos (Chlorpyrifos ethyl)	0.01	Dieldrin	0.01
Atrazine	0.01	Chlorpyrifos-methyl	0.01	Diethofencarb	0.01
Atrazine-desethyl	0.01	Chlorsulfuron	0.01	Diethyltoluamide (DEET)	0.01
Avermectin B1a/B1b (Abemectin)	0.01	Chlorthion	0.01	Difenoconazole	0.01
Azinphos-ethyl	0.01	Chlorthiophos	0.01	Diflubenzuron	0.01
Azinphos-methyl	0.01	Cinerin	0.01	Diflufenzopyr	0.01
Azoxystrobin	0.01	Clethodim	0.01	Dimethenamide	0.01
Benalaxyl	0.01	Clethodim Sulfone	0.01	Dimethoate	0.01
Bendiocarb	0.01	Clethodim Sulfoxide	0.01	Dimethomorph	0.01
Benfluralin	0.01	Clofentezine	0.01	Diniconazole	0.01
Benoxacor	0.01	Clomazone	0.01	Dinocap	0.01
Bentazone	0.01	Clopyralid	0.01	Dinoseb	0.01
BHC alpha (HCH)	0.01	Clothianidin	0.01	Dinotefuran	0.01
BHC beta (HCH)	0.01	Coumaphos	0.01	Dioxathion	0.01
BHC delta (HCH)	0.01	Crotoxyphos	0.01	Diphenamid	0.01
Bifenazate	0.01	Cyanazine	0.01	Diphenylamine	0.01
Bifenox	0.01	Cyanofenphos	0.01	Disulfoton	0.01
Bifenthrin	0.01	Cyanophos	0.01	Disulfoton sulfone	0.01
Binapacryl	0.01	Cyantraniliprole	0.01	Disulfoton sulfoxide	0.01
Bitertanol	0.01	Cyazofamid	0.01	Dithianon	0.01
Boscalid (Nicobifen)	0.01	Cycloate	0.01	Diuron	0.01
Bromacil	0.01	Cycloxydim	0.01	DNOC	0.01
Bromophos (Bromophos-methyl)	0.01	Cyfluthrin	0.01	Edifenphos	0.01
Bromophos-ethyl	0.01	Cyhalothrin, lambda	0.01	Endosulfan alpha	0.01
Bromopropylate	0.01	Cymoxanil	0.01	Endosulfan beta	0.01
Bromoxynil	0.01	Cypermethrin	0.01	Endosulfan sulfate	0.01
Bromuconazole	0.01	Cyprodinil	0.01	Endrin	0.01
Bupirimate	0.01	Cyromazine	0.01	Endrin aldehyde	0.01
Buprofezin	0.01	Dacthal (Chlorthal-dimethyl)	0.01	EPN	0.01
Butachlor	0.01	DDD, o,p'-	0.01	EPTC (Eptam)	0.01
Butralin	0.01	DDD, p,p'-	0.01	Esfenvalerate/Fenvalerate	0.01
Butylate	0.01	DDE, o,p'-	0.01	Etaconazole	0.01
Cadusafos	0.01	DDE, p,p'-	0.01	Ethalfuralin	0.01
Captafol	0.05	DDT, o,p'-	0.01	Ethiofencarb	0.01
Captan	0.01	DDT, p,p'-	0.01	Ethion	0.01
Carbaryl	0.01	DEF (Tribufos)	0.01	Ethirimol	0.01
Carbendazim	0.01	Deltamethrin	0.01	Ethofumesate	0.01
Carbofuran	0.01	Demeton-S	0.01	Ethoxyphos	0.01
Carbofuran, 3-hydroxy	0.01	Demeton-S methyl	0.01	Ethoxyquin	0.01
Carbophenothion	0.01	Demeton-S methyl sulfone	0.01	Etofenprox	0.01

LOQ = Limit of quantitation, mg/kg

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Etoazole	0.01	Hexaconazole	0.01	Metolachlor	0.01
Etridiazole	0.01	Hexazinone	0.01	Metolcarb	0.01
Etrifos	0.01	Hexythiazox	0.01	Metribuzin	0.01
Famoxadone	0.01	Hydroprene	0.01	Metsulfuron-methyl	0.01
Famphur	0.01	Imazalil	0.01	Mevinphos	0.01
Fenamidone	0.01	Imazamox	0.01	MGK 264	0.01
Fenamiphos	0.01	Imazapic	0.01	Mirex	0.01
Fenamiphos sulfone	0.01	Imazapyr	0.01	Molinate	0.01
Fenamiphos sulfoxide	0.01	Imazaquin	0.01	Monocrotophos	0.01
Fenarimol	0.01	Imazethaphyr	0.01	Monolinuron	0.01
Fenbuconazole	0.01	Imidacloprid	0.01	Myclobutanil	0.01
Fenchlorphos	0.01	Imidoxone	0.01	Naled	0.01
Fenhexamid	0.01	Indaziflam	0.01	Napropamide	0.01
Fenitrothion	0.01	Indoxacarb	0.01	Neburon	0.01
Fenobucarb	0.01	Iprobenfos	0.01	Nicosulfuron	0.01
Fenoxycarb	0.01	Iprodione	0.01	Nitrapyrin	0.05
Fenpropathrin	0.01	Isazophos	0.01	Nitrofen	0.01
Fenpyroximate	0.01	Isobenzan	0.01	Norflurazon	0.01
Fenson	0.01	Isocarbophos	0.01	Novaluron	0.01
Fensulfothion	0.01	Isodrin	0.01	Nuarimol	0.01
Fenthion	0.01	Isofenphos	0.01	Omethoate	0.01
Fenuron	0.01	Isofenphos-methyl	0.01	O-Phenylphenol	0.01
Fipronil	0.01	Isofenphos OA	0.01	Oryzalin	0.01
Flonicamid	0.01	Isoproc carb	0.01	Oxadiazon	0.01
Fluazifop	0.01	Isopropalin	0.01	Oxadixyl	0.02
Fluazinam	0.01	Isoprothiolane	0.01	Oxamyl	0.01
Fluchloralin	0.01	Isoproturon	0.01	Oxamyl-oxime	0.01
Flucythrinate	0.01	Isoxaben	0.01	Oxychlorane	0.01
Fludioxonil	0.01	Isoxaflutole	0.01	Oxydemeton-Methyl	0.01
Flufenacet	0.01	Jasmodin	0.01	Oxyfluorfen	0.01
Flumioxazin	0.01	Kresoxim-methyl	0.01	Oxythioquinox	0.01
Fluometuron	0.01	Lactofen	0.01	Paclobutrazol	0.01
Fluopicolide	0.01	Lenacil	0.01	Paraoxon (Paraoxon-ethyl)	0.01
Fluopyram	0.01	Lindane (gamma BHC)	0.01	Paraoxon methyl	0.01
Fluoxastrobin	0.01	Linuron	0.01	Parathion ethyl	0.01
Flupyradifurone	0.01	Malaoxon	0.01	Parathion methyl	0.01
Fluridone	0.01	Malathion	0.01	Penconazole	0.01
Fluroxypyr	0.01	Mandipropamid	0.01	Pendimethalin	0.01
Flusilazol	0.01	MCPA/MCPB	0.01	Penflufen	0.01
Fluthiacet Methyl	0.01	Mecarbam	0.01	Pentachloroaniline	0.01
Flutolanil	0.01	Mecoprop (MCP)	0.01	Pentachlorobenzene (PCB)	0.01
Fluvalinate	0.01	Mepanipyrim	0.01	Pentachlorophenol	0.01
Fluxapyroxad	0.01	Mesosulfuron methyl	0.01	Pentachlorothioanisole (PCTA)	0.01
Folpet	0.02	Mesotrione	0.01	Penthiopyrad	0.01
Fomesafen	0.01	Metalaxyl / Mefenoxam	0.01	Permethrin	0.01
Fonofos	0.01	Metconazole	0.01	Perthane	0.01
Foramsulfuron	0.01	Methacrifos	0.01	Phenmedipham	0.01
Forchlorfenuron	0.01	Methamidophos	0.01	Phenothrin	0.01
Formetanate	0.01	Methidathion	0.01	Phenthoate	0.01
Furathiocarb	0.01	Methiocarb	0.01	Phorate	0.01
Halosulfuron-methyl	0.01	Methiocarb sulfone	0.01	Phorate OA	0.01
Haloxypop	0.01	Methiocarb sulfoxide	0.01	Phorate Sulfone	0.01
Heptachlor	0.01	Methomyl	0.01	Phorate Sulfoxide	0.01
Heptachlor epoxide	0.01	Methoxychlor	0.01	Phosalone	0.01
Heptenophos	0.01	Methoxyfenozide	0.01	Phosmet	0.01
Hexachlorobenzene	0.01	Metobromuron	0.01	Phosphamidon	0.01

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Phoxim	0.01	Quinalphos	0.01	Terbutryn	0.01
Pinoxaden	0.01	Quinclorac	0.01	Tetrachlorvinphos	0.01
Piperonyl butoxide	0.01	Quinoxifen	0.01	Tetraconazole	0.01
Pirimicarb	0.01	Quintozone (PCNB)	0.01	Tetradifon	0.01
Pirimiphos-methyl	0.01	Quizalofop	0.01	Tetramethrin	0.01
Pirimiphos-ethyl	0.01	Resmethrin	0.01	Tetrasul	0.01
Pirimisulfuron-methyl	0.01	Rimsulfuron	0.01	Thiabendazole	0.01
Prallethrin	0.01	Rotenone	0.01	Thiabendazole, 5-hydroxy	0.01
Prochloraz	0.01	S421	0.01	Thiacloprid	0.01
Procymidone	0.01	Sebuthylazine	0.01	Thiamethoxam	0.01
Prodiamine	0.01	Sethoxydim	0.01	Thifensulfuron-methyl	0.01
Profenofos	0.01	Simazine	0.01	Thiobencarb	0.01
Profluralin	0.01	Simetryn	0.01	Thiodicarb	0.01
Promecarb	0.01	Spinetoram	0.01	Thiometon	0.01
Prometon	0.01	Spinosad (Spinosyn A, D)	0.01	Thionazin	0.01
Prometryn	0.01	Spirodiclofen	0.01	Thiophanate-methyl	0.01
Pronamide (Propyzamide)	0.01	Spiromesifen	0.01	Tolclofos-methyl	0.01
Propachlor	0.01	Spirotetramat	0.01	Tolfenpyrad	0.01
Propamocarb	0.01	Spirotetramat enol	0.01	Tolyfluanid	0.01
Propanil	0.01	Spiroxamine	0.01	Topramezone	0.01
Propargite	0.01	Sulfallate	0.01	Tralkoxydim	0.01
Propazine	0.01	Sulfentrazone	0.01	Triadimefon	0.01
Propetamphos	0.01	Sulfometuron-methyl	0.01	Triadimenol	0.01
Propham	0.01	Sulfosulfuron	0.01	Triallate	0.01
Propiconazole	0.01	Sulfotep	0.01	Triasulfuron	0.01
Propoxur	0.01	Sulfoxaflor	0.01	Triazophos	0.01
Propoxycarbazone sodium	0.01	Sulprofos	0.01	Tribenuron-methyl	0.01
Prosulfuron	0.01	tau-Fluvalinate	0.01	Trichlopyr	0.01
Prothioconazole	0.01	Tebuconazole	0.01	Trichlorfon	0.01
Prothiofos	0.01	Tebufenozide	0.01	Trifloxystrobin	0.01
Pymetrozine	0.01	Tebuthiuron	0.01	Trifloxysulfuron	0.01
Pyraclostrobin	0.01	Tecnazene	0.01	Triflumizole	0.01
Pyrazophos	0.01	Tefluthrin, cis-	0.01	Trifluralin	0.01
Pyrethrin	0.01	Tembotrione	0.01	Triflusulfuron-methyl	0.01
Pyridaben	0.01	Terbacil	0.01	Triforin	0.01
Pyridate (Metabolite)	0.01	Terbufos	0.01	Triticonazole	0.01
Pyrimethanil	0.01	Terbufos sulfone	0.01	Vinclozolin	0.01
Pyriproxifen	0.01	Terbufos sulfoxide	0.01	Zoxamide	0.01
Pyroxasulfone	0.01	Terbuthylazine	0.01		
Pyroxulam	0.01				

ND = Not Detectable

mg/kg = Parts per Million (ppm)

LOQ = Limit of Quantification, mg/kg: If an amount below this level is detected (and the identity confirmed), it may be reported as "Trace".

LOQs above are typical of most analyses. Factors affecting the LOQ include instrumentation sensitivity for a particular analyte, sample size, moisture content (percent solids) of the sample, effectiveness of the cleanup on the sample extract, and especially the type of sample matrix.

2/6/2017