

Soil Multiresidue Screen Compound List and Limits of Quantitation

Modified EPA 8321B (LC-MS/MS) and Modified EPA 8270D (GC-MS/MS)

Compound (LC-MS/MS)	LOQ (mg/kg)	Compound	LOQ (mg/kg)	Compound	LOQ (mg/kg)
3-Hydroxycarbofuran	0.0067	Famoxadone	0.0067	Mevinphos	0.0067
Abamectin	0.0067	Famphur	0.0067	Neburon	0.0067
Acephate	0.0067	Fenamidone	0.0067	Norflurazon	0.0067
Acetamiprid	0.0067	Fenamiphos sulfone	0.0067	Novaluron	0.0067
Acibenzolar-S-methyl	0.013	Fenamiphos sulfoxide	0.0067	Omethoate	0.0067
Aldicarb	0.0067	Fenazaquin	0.0067	Oryzalin	0.0067
Aldicarb Sulfone	0.0067	Fenbuconazole	0.0067	Oxadixyl	0.0067
Aldicarb Sulfoxide	0.0067	Fenbutatin oxide	0.0067	Oxamyl	0.0067
Allethrin	0.0067	Fenhexamid	0.0067	Oxydemeton-Methyl	0.0067
Ametoctradin	0.0067	Fenobucarb	0.0067	Penthiopyrad	0.0067
Atrazine	0.0067	Fenpropathrin	0.0067	Phorate Sulfone	0.0067
Azinphos-ethyl	0.0067	Fenpyroximate	0.0067	Phorate Sulfoxide	0.0067
Azinphos-methyl	0.013	Fenuron	0.0067	Phosalone	0.0067
Azoxystrobin	0.0067	Flonicamid	0.0067	Phosmet	0.0067
Bendiocarb	0.0067	Flubendiamide	0.013	Phosphamidon	0.0067
Bensulide	0.0067	Flumioxazin	0.0067	Piperonyl Butoxide	0.0067
Bitertanol	0.0067	Fluometuron	0.0067	Pirimicarb	0.0067
Boscalid	0.0067	Fluopicolide	0.0067	Pirimiphos-methyl	0.0067
Bromacil	0.0067	Fluopyram	0.0067	Prometon	0.0067
Carbaryl	0.0067	Fluoxastrobin	0.0067	Prometryn	0.0067
Carbendazim	0.0067	Flupyradifurone	0.0067	Propargite	0.0067
Carbofuran	0.0067	Fluridone	0.0067	Propazine	0.0067
Carfentrazone-ethyl	0.0067	Flutriafol	0.0067	Propiconazole	0.013
Chlorantraniliprole	0.0067	Fluvalinate	0.0067	Pyraclostrobin	0.0067
Clethodim	0.013	Fluxapyroxad	0.0067	Pyraflufen-ethyl	0.0067
Clothianidin	0.0067	Fonofos	0.013	Pyrethrin	0.034
Cyanazine	0.0067	Hexaconazole	0.0067	Pyridaben	0.0067
Cyantraniliprole	0.0067	Hexazinone	0.0067	Pyrimethanil	0.0067
Cyazofamid	0.0067	Hexythiazox	0.0067	Rotenone	0.0067
Cycloate	0.013	Imidacloprid	0.0067	Saflufenacil	0.0067
Cyflufenamid	0.0067	Indaziflam	0.0067	Sethoxydim	0.013
Cyflumetofen	0.0067	Indoxacarb	0.0067	Siduron	0.0067
Cyprodinil	0.0067	Iprodione	0.034	Simazine	0.0067
DCPMU	0.0067	Isoxaben	0.0067	Simetryn	0.0067
Diazoxon	0.0067	Linuron	0.0067	Spiromesifen	0.013
Difenoconazole	0.0067	Malaoxon	0.0067	Spirotetramat	0.0067
Diflubenzuron	0.0067	Mandipropamid	0.0067	Spiroxamine	0.0067
Dimethoate	0.0067	Metconazole	0.0067	Sulfentrazone	0.0067
Dimethomorph	0.0067	Methamidophos	0.034	Sulfoxaflor	0.0067
Dinotefuran	0.0067	Methidathion	0.0067	Tebuconazole	0.0067
Disulfoton sulfone	0.0067	Methiocarb	0.0067	Tebufenozide	0.0067
Diuron	0.0067	Methomyl	0.0067	Tebuthiuron	0.0067
d-Phenothrin	0.0067	Methoxyfenozide	0.0067	Terbacil	0.0067
Ethion	0.0067	Metrafenone	0.0067	Terbutylazine	0.0067
		Metribuzin	0.0067	Terbutryn	0.0067

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Thiabendazole	0.0067	Diazinon	0.0067	Kresoxim-methyl	0.0067
Thiacloprid	0.0067	Dichlobenil	0.0067	lambda-Cyhalothrin	0.013
Thiamethoxam	0.0067	Dichlorofenthion	0.0067	Malathion	0.0067
Thiobencarb	0.0067	Dichlorvos	0.0067	Mefenoxam	0.0067
Thiodicarb	0.0067	Diclofop-methyl	0.0067	Methoxychlor	0.0067
Tolfenpyrad	0.0067	Dicloran	0.034	Metolachlor	0.0067
Triadimefon	0.0067	Dicofol	0.0067	MGK-264	0.0067
Triadimenol	0.013	Dieldrin	0.0067	Myclobutanil	0.0067
Trifloxystrobin	0.0067	Dimethenamid	0.0067	Napropamide	0.0067
Triflumizole	0.0067	Diphenamid	0.0067	o-Phenylphenol	0.0067
		Diphenylamine	0.0067	Oxadiazon	0.0067
Compound (GC-MS/MS)	LOQ (mg/kg)	Disulfoton	0.0067	Oxyfluorfen	0.0067
2,6-Dichlorobenzamide	0.0067	Dithiopyr	0.0067	p,p'-DDD	0.0067
a-BHC	0.0067	Endosulfan I	0.013	p,p'-DDE	0.0067
Acetochlor	0.0067	Endosulfan II	0.013	p,p'-DDT	0.0067
Alachlor	0.0067	Endosulfan sulfate	0.013	Parathion-methyl	0.0067
Aldrin	0.0067	Endrin	0.0067	PCA	0.0067
Ametryn	0.0067	Endrin ketone	0.0067	PCB	0.0067
b-BHC	0.0067	Esfenvalerate	0.0067	PCNB	0.0067
Benfluralin	0.0067	Ethalfuralin	0.0067	Pendimethalin	0.0067
Bifenthrin	0.0067	Ethofumesate	0.0067	Pentachlorothioanisole	0.0067
Bolstar	0.0067	Ethoprop	0.0067	Permethrin	0.034
Bromopropylate	0.0067	Etoxazole	0.0067	Procymidone	0.0067
Buprofezin	0.0067	Etridiazole	0.0067	Prodiamine	0.0067
Captan	0.067	Fenarimol	0.0067	Pronamide	0.0067
Chlordane	0.0067	Fenoxaprop-ethyl	0.013	Propachlor	0.0067
Chloroneb	0.0067	Fenvalerate	0.0067	Pyriproxyfen	0.0067
Chlorpropham	0.0067	Fipronil	0.0067	Quinoxifen	0.0067
Chlorpyrifos	0.0067	Fluazifop-p-butyl	0.013	Spirodiclofen	0.0067
Chlorpyrifos-methyl	0.0067	Fludioxonil	0.0067	Tetraconazole	0.0067
cis-Nonachlor	0.0067	Fluroxypyr-meptyl	0.013	Tetradifon	0.0067
Cyfluthrin	0.034	Flutolanil	0.0067	trans-Nonachlor	0.0067
Cypermethrin	0.034	g-BHC	0.0067	Trifluralin	0.0067
Dacthal	0.0067	Heptachlor	0.0067	Vinclozalin	0.0067
d-BHC	0.0067	Heptachlor epoxide	0.0067		
Deltamethrin	0.034	Hexachlorobenzene	0.0067		