

## Multi-residue Pesticides Analyte List and Limits of Quantitation, Water

This is a multi-residue profile that incorporates the following methods:

<b>Halogenated Pesticides in Water</b>	<b>EPA 8081B (GC-ECD)</b>
<b>Organophosphorous Pesticides in Water</b>	<b>EPA 8141B (GC-FPD)</b>
<b>Organonitrogen Pesticides in Water</b>	<b>EPA 8270D (GC-MS/MS)</b>
<b>Miscellaneous Pesticides in Water</b>	<b>EPA 8321B (HPLC-MS/MS)</b>

### Halogenated Pesticides

Analyte	LOQ	Analyte	LOQ
Acetochlor	0.30 ug/liter (ppb)	Endrin ketone	0.12 ug/liter (ppb)
Alachlor	0.30 ug/liter (ppb)	Esfenvalerate	0.12 ug/liter (ppb)
Aldrin	0.12 ug/liter (ppb)	Ethalfuralin	0.12 ug/liter (ppb)
Benfluralin	0.12 ug/liter (ppb)	Etridiazole	0.12 ug/liter (ppb)
Bifenthrin	0.12 ug/liter (ppb)	Fenarimol	0.12 ug/liter (ppb)
α-BHC	0.12 ug/liter (ppb)	Fenvalerate	0.12 ug/liter (ppb)
β-BHC	0.12 ug/liter (ppb)	Flutolanil	1.2 ug/liter (ppb)
δ-BHC	0.12 ug/liter (ppb)	Folpet	0.12 ug/liter (ppb)
γ-BHC (Lindane)	0.12 ug/liter (ppb)	Heptachlor	0.12 ug/liter (ppb)
Captafol	0.12 ug/liter (ppb)	Heptachlor epoxide	0.12 ug/liter (ppb)
Captan	0.30 ug/liter (ppb)	Hexachlorobenzene	0.12 ug/liter (ppb)
Chlordane	0.60 ug/liter (ppb)	Iprodione	0.12 ug/liter (ppb)
Chlorobenzilate	0.30 ug/liter (ppb)	Methoxychlor	0.12 ug/liter (ppb)
Chloroneb	0.30 ug/liter (ppb)	Metolachlor	0.30 ug/liter (ppb)
Chlorothalonil	0.12 ug/liter (ppb)	Mirex	0.12 ug/liter (ppb)
Cyfluthrin	0.30 ug/liter (ppb)	Norflurazon	0.12 ug/liter (ppb)
Cyhalothrin	0.30 ug/liter (ppb)	Ovex	0.12 ug/liter (ppb)
Cypermethrin	0.30 ug/liter (ppb)	Oxadiazon	0.12 ug/liter (ppb)
p,p'-DDD	0.12 ug/liter (ppb)	Oxyfluorfen	0.12 ug/liter (ppb)
p,p'-DDE	0.12 ug/liter (ppb)	PCA	0.12 ug/liter (ppb)
p,p'-DDT	0.12 ug/liter (ppb)	PCNB	0.12 ug/liter (ppb)
Dacthal	0.12 ug/liter (ppb)	Permethrin	0.30 ug/liter (ppb)
Deltamethrin	0.30 ug/liter (ppb)	Prodiamine	0.12 ug/liter (ppb)
Dichlobenil	0.12 ug/liter (ppb)	Pronamide	0.12 ug/liter (ppb)
Dicloran	0.12 ug/liter (ppb)	Propachlor	0.30 ug/liter (ppb)
Dicofol	0.30 ug/liter (ppb)	Propanil	0.12 ug/liter (ppb)
Dieldrin	0.12 ug/liter (ppb)	Propiconazole	0.30 ug/liter (ppb)
Dithiopyr	0.12 ug/liter (ppb)	Terbacil	0.12 ug/liter (ppb)
Endosulfan I	0.12 ug/liter (ppb)	Toxaphene	6.0 ug/liter (ppb)
Endosulfan II	0.12 ug/liter (ppb)	Trifloxystrobin	0.12 ug/liter (ppb)
Endosulfan sulfate	0.12 ug/liter (ppb)	Triflumazole	0.12 ug/liter (ppb)
Endrin	0.12 ug/liter (ppb)	Trifluralin	0.12 ug/liter (ppb)
Endrin aldehyde	0.12 ug/liter (ppb)	Vinclozalin	0.12 ug/liter (ppb)

## Organophosphorous and Organosulfur Pesticides

Analyte	LOQ	Analyte	LOQ
Aspon	0.30 ug/liter (ppb)	Fenthion	0.30 ug/liter (ppb)
Azinphos-methyl	0.30 ug/liter (ppb)	Malathion	0.30 ug/liter (ppb)
Carbofenothion	0.30 ug/liter (ppb)	Methidathion	0.30 ug/liter (ppb)
Chlorfenvinphos	0.30 ug/liter (ppb)	Merphos	0.30 ug/liter (ppb)
Chlorpyrifos	0.30 ug/liter (ppb)	Mevinphos	0.30 ug/liter (ppb)
Chlorpyrifos-methyl	0.30 ug/liter (ppb)	Monocrotophos	0.30 ug/liter (ppb)
Coumaphos	0.30 ug/liter (ppb)	Parathion	0.30 ug/liter (ppb)
Demeton	0.30 ug/liter (ppb)	Parathion-methyl	0.30 ug/liter (ppb)
Diazinon	0.30 ug/liter (ppb)	Phorate	0.30 ug/liter (ppb)
Dichlorofenthion	0.30 ug/liter (ppb)	Phosmet	0.30 ug/liter (ppb)
Dichlorvos	0.30 ug/liter (ppb)	Phosphamidon	0.30 ug/liter (ppb)
Dicrotophos	0.30 ug/liter (ppb)	Pirimiphos-methyl	0.30 ug/liter (ppb)
Dimethoate	0.30 ug/liter (ppb)	Propargite	0.60 ug/liter (ppb)
Disulfoton	0.30 ug/liter (ppb)	Ronnel	0.30 ug/liter (ppb)
EPN	0.30 ug/liter (ppb)	Sulprofos	0.30 ug/liter (ppb)
Ethion	0.30 ug/liter (ppb)	Terbufos	0.30 ug/liter (ppb)
Ethoprop	0.30 ug/liter (ppb)	Tetrachlorvinphos	0.30 ug/liter (ppb)
Famphur	0.30 ug/liter (ppb)	Tokuthion	0.30 ug/liter (ppb)
Fenamiphos	0.30 ug/liter (ppb)	Tricloronate	0.30 ug/liter (ppb)
Fenitrothion	0.30 ug/liter (ppb)		
Fensulfothion	0.30 ug/liter (ppb)		

## Organonitrogen Pesticides

Analyte	LOQ	Analyte	LOQ
Amitraz	0.12 ug/liter (ppb)	Imidacloprid	0.060 ug/liter (ppb)
Ametryn	0.060 ug/liter (ppb)	Isoxaben	0.060 ug/liter (ppb)
Atrazine	0.060 ug/liter (ppb)	Mefenoxam	0.060 ug/liter (ppb)
Azoxystrobin	0.060 ug/liter (ppb)	Metalaxyl	0.060 ug/liter (ppb)
Bensulide	0.060 ug/liter (ppb)	Metribuzin	0.12 ug/liter (ppb)
Boscalid	0.060 ug/liter (ppb)	Myclobutanil	0.12 ug/liter (ppb)
Bromacil	0.060 ug/liter (ppb)	Napropamid	0.060 ug/liter (ppb)
Bromopropylate	0.12 ug/liter (ppb)	Oryzalin	0.060 ug/liter (ppb)
Carfentrazone-ethyl	0.060 ug/liter (ppb)	Pendimethalin	0.060 ug/liter (ppb)
Clothianidin	0.060 ug/liter (ppb)	Pirimicarb	0.060 ug/liter (ppb)
Cyanazine	0.12 ug/liter (ppb)	Prometon	0.12 ug/liter (ppb)
Diclofop-methyl	0.12 ug/liter (ppb)	Prometryn	0.060 ug/liter (ppb)
Dimethenamid	0.060 ug/liter (ppb)	Propazine	0.060 ug/liter (ppb)
Diphenylamine	0.060 ug/liter (ppb)	Pyraclostrobin	0.060 ug/liter (ppb)
Ethofumesate	0.060 ug/liter (ppb)	Pyridaben	0.12 ug/liter (ppb)
Fenbuconazole	0.12 ug/liter (ppb)	Pyrimethanil	0.060 ug/liter (ppb)
Fenoxaprop-ethyl	0.12 ug/liter (ppb)	Sethoxydim	1.2 ug/liter (ppb)
Fipronil	0.12 ug/liter (ppb)	Simazine	0.060 ug/liter (ppb)
Fluazifop-P-butyl	0.12 ug/liter (ppb)	Simetryn	0.060 ug/liter (ppb)
Fludioxanil	0.12 ug/liter (ppb)	Sulfentrazone	0.060 ug/liter (ppb)
Flumioxazin	0.060 ug/liter (ppb)	Tebuconazole	0.12 ug/liter (ppb)
Fluometuron	0.060 ug/liter (ppb)	Tebuthiuron	0.12 ug/liter (ppb)
Fluoxypyr-meptyl	0.060 ug/liter (ppb)	Thiabendazole	0.060 ug/liter (ppb)
Hexazinone	0.060 ug/liter (ppb)	Triadimefon	0.12 ug/liter (ppb)

### Phenylurea Herbicides

Diuron	0.060 ug/liter (ppb)	Monuron	0.060 ug/liter (ppb)
DCPMU	0.060 ug/liter (ppb)	Neburon	0.060 ug/liter (ppb)
Fenuron	0.060 ug/liter (ppb)	Siduron	0.060 ug/liter (ppb)
Linuron	0.060 ug/liter (ppb)		

### Carbamate Pesticides

Aldicarb	0.060 ug/liter (ppb)	Methiocarb	0.060 ug/liter (ppb)
Aldicarb sulfone	0.060 ug/liter (ppb)	Methomyl	0.060 ug/liter (ppb)
Aldicarb sulfoxide	0.060 ug/liter (ppb)	Oxamyl	0.060 ug/liter (ppb)
Bendiocarb	0.060 ug/liter (ppb)	Propoxur	0.060 ug/liter (ppb)
Carbaryl	0.060 ug/liter (ppb)	Thiobencarb	0.060 ug/liter (ppb)
Carbofuran	0.060 ug/liter (ppb)	Monuron	0.060 ug/liter (ppb)
Fenobucarb	0.060 ug/liter (ppb)	Neburon	0.060 ug/liter (ppb)
3-Hydroxycarbofuran	0.060 ug/liter (ppb)	Siduron	0.060 ug/liter (ppb)