

EXTENDED PROFILE**

The **OMIC USA Extended Pesticide Profile** offers a combination of organophosphates, organochlorines, pyrethroids, carbamates and organonitrogen pesticides, including pesticides, both past and present, that are most commonly used worldwide. Utilizing Triple Quad Mass Spectrometry in conjunction with QuEChERS extraction procedure, we are offering a screen of 474 pesticides. The majority of the compounds have a 10 ppb Limit of Quantification (LOQ), where the LOQ is defined as ten times Signal to Noise (detection limit may be influenced by sample type). Some analytes may be excluded from the screen due to specific matrix interferences.

COMPOUND	LOQ (ppm)	COMPOUND	LOQ (ppm)	COMPOUND	LOQ (ppm)
1,4-Dimethylnaphthalene	0.01	Butamifos	0.01	Cyanazine	0.01
2-(1-Naphthyl) Acetamide	0.01	Butralin	0.01	Cyanophenphos	0.01
2,3,5,6-Tetrachloroaniline	0.01	Butylate	0.01	Cyanophos	0.01
2,6-Diisopropyl-naphthalene	0.02	Cadusafos	0.01	Cyantraniliprole	0.01
Abamectin	0.01	Cafenstrole	0.01	Cyazofamid	0.01
Acephate	0.02	Captan	0.05	Cycoate	0.01
Acetamiprid	0.01	Captan Metabolite (THPI)	0.05	Cyflufenamid	0.01
Acetochlor	0.01	Carbaryl	0.01	Cyfluthrin	0.01
Acibenzolar-S-methyl	0.01	Carbendazim	0.01	Cyhalofop-butyl	0.01
Acrinathrin	0.01	Carbetamide	0.01	Cyhalothrin (lambda)	0.01
Alachlor	0.01	Carbofuran	0.01	Cymoxanil	0.01
Aldicarb	0.01	Carbofuran-hydroxy-3	0.01	Cypermethrin	0.01
Aldicarb-sulfone	0.01	Carbofuran-keto-3	0.01	Cyproconazole	0.01
Aldicarb-sulfoxide	0.02	Carbophenothion	0.01	Cyprodinil	0.01
Aldrin	0.01	Carboxin	0.01	Daimuron	0.01
Ametryn	0.01	Carfentrazone-ethyl	0.01	DDD	0.01
Amitraz	0.01	Carpropamid	0.01	DDE	0.01
Anilofos	0.01	Chlorantraniliprole	0.01	DDT	0.01
Atrazine	0.01	Chlorbenseide	0.01	Deltamethrin	0.01
Azaconazole	0.01	Chlorbufam	0.01	Demeton O & S	0.01
Azamethiphos	0.01	Chlordane (cis)	0.01	Demeton-S-methyl	0.01
Azinphos-ethyl	0.01	Chlordane (trans)	0.01	Desmedipham	0.02
Azinphos-methyl	0.01	Chlorethoxyfos	0.01	Dialifos	0.01
Azoxystrobin	0.01	Chlorfenapyr	0.01	Di-allate	0.01
Benalaxyl	0.01	Chlorfenson	0.01	Diazinon	0.01
Bendiocarb	0.01	Chlorfenvinphos	0.01	Dichlobenil	0.01
Benfluralin	0.01	Chloridazon	0.01	Dichlofenthion (ECP)	0.01
Benfuresate	0.01	Chlornitrofen	0.01	Dichlormid	0.01
Benoxacor	0.01	Chlorobenzilate	0.01	Dichlorvos (DDVP)	0.01
Bensulide	0.01	Chlorobenzuron	0.01	Diclobutrazol	0.01
Benthiavalicarb-isopropyl	0.01	Chloroneb	0.01	Diclocymet	0.01
Benzobicyclon	0.01	Chloroxuron	0.01	Diclofop-methyl	0.01
Benzofenap	0.01	Chlorpropham	0.01	Diclomezine	0.01
BHC (alpha)	0.01	Chlorpyrifos	0.01	Dicloran	0.01
BHC (beta)	0.01	Chlorpyrifos-methyl	0.01	Dicofol-2,4 (as 2,4-DCBP)*	0.01
BHC (delta)	0.01	Chlorthal-dimethyl	0.01	Dicofol-4,4 (as 4,4-DCBP)*	0.01
Bifenox	0.01	Chlorthiofos	0.01	Dicrotophos	0.01
Bifenthrin	0.01	Chlozolate	0.01	Dieldrin	0.01
Bitertanol	0.01	Cinidon-ethyl	0.01	Diethofencarb	0.01
Boscalid	0.01	Cinmethylin	0.01	Difenoconazole	0.01
Bromacil	0.01	Clodinafop-propargyl	0.01	Diflubenzuron	0.01
Bromobutide	0.01	Clofentezine	0.01	Diflufenican	0.01
Bromophos-ethyl	0.01	Clomazone	0.01	Dimepiperate	0.01
Bromophos-methyl	0.01	Clomeprop	0.01	Dimethachlor	0.01
Bromopropylate	0.01	Cloquintocet-mexyl	0.01	Dimethametryn	0.01
Bupirimate	0.01	Clothianidin	0.01	Dimethenamid	0.01
Buprofezin	0.01	Coumafos / Coumaphos	0.01	Dimethipin	0.02
Butachlor	0.01	CPMC (Etrifol)	0.01	Dimethoate	0.01
Butafenacil	0.01	Cumyluron	0.01	Dimethomorph	0.01



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COMPOUND	LOQ (ppm)	COMPOUND	LOQ (ppm)	COMPOUND	LOQ (ppm)
Dimethylvinphos	0.01	Flonicamid	0.01	Isoprothiolane	0.01
Diniconazole	0.01	Fluazifop-butyl	0.01	Isopyrazam	0.01
Dinotefuran	0.01	Fluazuron	0.01	Isotianil	0.01
Dioxathion	0.01	Flucythrinate	0.01	Isouron	0.01
Diphenamid	0.01	Fludioxonil	0.01	Isoxaben	0.01
Diphenylamine	0.01	Flufenacet	0.01	Isoxadifen-ethyl	0.01
Disulfoton	0.01	Flufenpyr-ethyl	0.01	Isoxaflutole	0.01
Disulfoton-sulfone	0.01	Fluometuron	0.01	Isoxathion	0.01
Dithiopyr	0.01	Fluopicolide	0.01	Kresoxim-methyl	0.01
Diuron	0.01	Fluopyram	0.01	Lenacil	0.01
Edifenphos	0.01	Fluquinconazole	0.01	Lindane (gamma-BHC)	0.01
Endosulfan (alpha)	0.01	Fluridone	0.01	Linuron	0.01
Endosulfan (beta)	0.01	Flusilazole	0.01	Lufenuron	0.01
Endosulfan-sulfate	0.02	Flusulfamide	0.01	Malathion	0.01
Endrin	0.01	Fluthiacet-methyl	0.01	Mandipropamid	0.01
EPN	0.01	Flutianil	0.01	Mecarbam	0.01
Epoxiconazole	0.01	Flutolanil	0.01	Mefenacet	0.01
EPTC	0.01	Flutriafol	0.01	Mefenpyr-Diethyl	0.01
Esfenvalerate	0.02	Fluvalinate	0.01	Mepanipyrim	0.01
Esprocarb	0.01	Fluxapyroxad	0.01	Mephosfolan	0.01
Ethalfuralin	0.01	Folpet	0.05	Mepronil	0.01
Ethion	0.01	Folpet Metab. (Phthalimide)	0.05	Metaflumizone	0.01
Ethiprole	0.01	Fonofos (Dyfonate)	0.01	Metalaxyl / Mefenoxam	0.01
Ethofumesate	0.01	Forchlorfenuron	0.01	Metconazole	0.01
Ethoprophos (Ethoprop)	0.005	Fosthiazate	0.01	Methabenzthiazuron	0.01
Ethoxyquin	0.05	Fthalide	0.01	Methacrifos	0.01
Ethychlozate	0.01	Fuberidazole	0.01	Methamidophos (Acephate Metab.)	0.01
Etobenzanid	0.01	Furametpyr	0.01	Methidathion	0.01
Etofenprox	0.01	Furathiocarb	0.01	Methiocarb	0.01
Etoxazole	0.01	Furilazole	0.01	Methiocarb-sulfone	0.01
Etridiazole	0.01	Halfenprox	0.01	Methiocarb-sulfoxide	0.01
Etrimfos	0.01	Haloxypop-methyl	0.01	Methomyl	0.01
Famoxadone	0.01	Heptachlor	0.01	Methoprene	0.01
Famphur	0.01	Heptachlor-epoxide	0.01	Methoxychlor	0.01
Fenamidone	0.01	Heptenophos	0.01	Methoxyfenozide	0.01
Fenamiphos	0.01	Hexachlorobenzene	0.01	Metolachlor	0.01
Fenamiphos-sulfone	0.01	Hexaconazole	0.01	Metolcarb	0.01
Fenarimol	0.01	Hexaflumuron	0.01	Metominostrobin	0.01
Fenazaquin	0.01	Hexazinone	0.01	Metrafenone	0.01
Fenbuconazole	0.01	Hexythiazox	0.01	Metribuzin	0.01
Fenchlorphos (Ronnell)	0.01	Hydroprene	0.01	Mevinphos	0.01
Fenhexamid	0.01	Imazalil	0.01	MGK 264	0.01
Fenitrothion	0.01	Imazamethabenz-ME	0.01	Mirex	0.01
Fenobucarb	0.01	Imibenconazole	0.01	Molinate	0.01
Fenothiocarb	0.01	Imicyafos	0.01	Monocrotophos	0.01
Fenoxanil	0.01	Imidacloprid	0.01	Monolinuron	0.01
Fenoxaprop-Ethyl	0.01	Inabenfide	0.01	Myclobutanil	0.01
Fenoxycarb	0.01	Indoxacarb	0.01	Naphthalophos	0.01
Fenpropathrin	0.01	Ipconazole	0.01	Naproanilide	0.01
Fenpropimorph	0.01	Ipfencarbazono	0.01	Napropamide	0.01
Fenpyroximate	0.01	Iprobenfos	0.01	Nitenpyram	0.01
Fensulfothion	0.01	Iprodione	0.01	Nitrofen	0.01
Fenthion	0.01	Iprovalicarb	0.01	Nitrothal-isopropyl	0.01
Fentrazamide	0.01	Isazophos	0.01	Nonachlor (cis)	0.02
Ferimzone E	0.01	Isocarbophos	0.01	Nonachlor (trans)	0.02
Ferimzone Z	0.01	Isufenphos	0.01	Norflurazon	0.01
Fipronil	0.002	Isufenphos-methyl	0.01	Novaluron	0.01
Flamprop-methyl	0.01	Isoprocarb	0.01	Nuarimol	0.01



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COMPOUND	LOQ (ppm)	COMPOUND	LOQ (ppm)	COMPOUND	LOQ (ppm)
Ofurace	0.01	Propisochlor	0.01	Terbutryn	0.01
Omethoate	0.01	Propoxur	0.01	Tetrachlorvinphos	0.01
o-Phenylphenol	0.05	Propyzamide	0.01	Tetraconazole	0.01
Oryastrobin	0.01	Prothiofos	0.01	Tetraflon	0.01
Oryzalin	0.01	Prothiofos	0.01	Tetramethrin	0.01
Oxadiazon	0.01	Pyraclofos	0.01	Thenylchlor	0.01
Oxadixyl	0.02	Pyraclonil	0.01	Thiabendazole	0.01
Oxamyl	0.01	Pyraclostrobin	0.01	Thiacloprid	0.01
Oxaziclomefone	0.01	Pyraflufen-ethyl	0.01	Thiamethoxam	0.01
Oxycarboxin	0.01	Pyrazolynate	0.01	Thiazopyr	0.01
Oxydemeton-methyl	0.01	Pyrazophos	0.01	Thidiazuron	0.01
Oxyfluorfen	0.01	Pyrazoxyfen	0.01	Thifluzamide	0.01
Paclobutrazol	0.01	Pyrethrins	0.1	Thiobencarb	0.01
Parathion	0.01	Pyribencarb	0.01	Tiadinil	0.01
Parathion-methyl	0.01	Pyributicarb	0.01	Tolclofos-methyl	0.01
Parbendazole	0.01	Pyridaben	0.01	Tralomethrin (as Deltamethrin)	0.01
Pebulate	0.01	Pyridafenthion	0.01	Triadimefon	0.01
Penconazole	0.01	Pyrifenox	0.01	Triadimenol	0.01
Pencycuron	0.01	Pyrifluquinazon	0.01	Tri-allate	0.01
Pendimethalin	0.01	Pyriftalid	0.01	Triazophos	0.01
Penflufen	0.01	Pyrimethanil	0.01	Tribuphos	0.01
Penthiopyrad	0.01	Pyrimidifen	0.01	Trichlamide	0.01
Pentoxazone	0.01	Pyriminobac-methyl	0.01	Trichlorfon	0.01
Permethrin	0.01	Pyriproxyfen	0.01	Tricyclazole	0.01
Perthane	0.01	Pyroquilon	0.01	Tridiphane	0.01
Phenmedipham	0.01	Pyroxasulfone	0.01	Trifloxystrobin	0.01
Phenothiol (MCPA-thioethyl)	0.01	Quinalphos	0.01	Triflumizole	0.01
Phenothrin	0.01	Quinoclamine	0.01	Triflumuron	0.01
Phenthoate	0.01	Quinoxifen	0.01	Trifluralin	0.01
Phorate	0.01	Quintozene (PCNB)	0.01	Triforine	0.01
Phorate-sulfone	0.01	Quintozene Metab. (PCA)	0.01	Triticonazole	0.01
Phosalone	0.01	Quintozene Metab. (PeCB)	0.01	Uniconazole-P	0.01
Phosfolan	0.01	Quintozene Metab. (PCTA)	0.01	Vamidothion	0.01
Phosmet	0.01	Quizalofop-ethyl	0.01	Vinclozolin	0.01
Phosphamidon	0.01	Resmethrin	0.01	XMC	0.01
Phoxim	0.01	Salithion (Dioxabenzofos)	0.01	Xylylcarb	0.01
Picolinafen	0.01	Sedaxane	0.01	Zoxamide	0.01
Piperonyl-butoxide	0.01	Sethoxydim	0.01		
Piperophos	0.01	Silafluofen	0.01		* Dichlorobenzophenone
Pirimicarb	0.01	Simazine	0.01		
Pirimioxyphos	0.01	Simeconazole	0.01		** Profile compounds are subject to change without notice.
Pirimiphos-ethyl	0.01	Simetryn	0.01		
Pirimiphos-methyl	0.01	Spinosad	0.01		
Pretilachlor	0.01	Spiromesifen	0.02		
Prochloraz	0.01	Sulfotep	0.01		
Procymidone	0.01	Sulprofos	0.01		
Prodiamine	0.01	TCMTB (Benthiazole)	0.01		
Profenofos	0.01	Tebuconazole	0.01		
Prohydrojasmon	0.02	Tebufenozide	0.02		
Promecarb	0.01	Tebufenpyrad	0.01		
Prometryn	0.01	Tebupirimfos (Phostebupirim)	0.01		
Propachlor	0.01	Tebuthiuron	0.01		
Propanil	0.01	Tecnazene	0.01		
Propaphos	0.01	Tefluthrin	0.01		
Propargite	0.01	TEPP	0.01		
Propazine	0.01	Terbacil	0.01		
Propetamphos	0.01	Terbufos	0.01		
Propiconazole	0.01	Terbuthylazine	0.01		

[Contact us for pricing]



PESTICIDE & HERBICIDE RESIDUE ANALYSIS

2015

EXTENDED PROFILE*

COMPOUND

LOQ (ppm)

COMPOUND

LOQ (ppm)

COMPOUND

LOQ (ppm)

