

BASIC PROFILE

The OMIC USA Basic Pesticide Profile offers a budget-wise combination of Organophosphate, Organochlorine, and Organonitrogen pesticides. Using a combination of Gas Chromatograph detectors such as Atomic Emission Detector, Mass Selective Detector and Electron Capture Detector we are able to screen many types of samples at lower detection limit. (the detection limit may be influenced by type of sample). Any positive results from this profile are double confirmed by a different detector or instrument column.

COMPOUND NAME	MDL (ppm)	COMPOUND NAME	MDL (ppm)	COMPOUND NAME	MDL (ppm)
Acetochlor	0.01	Cinmethylin	0.01	Epoxiconazole	0.01
Acrinathrin	0.01	Clomazone	0.02	EPTC	0.01
Alachlor	0.01	Coumafos / Coumaphos	0.01	Esfenvalerate	0.02
Aldrin	0.005	Cyanophenphos	0.02	Esprocarb	0.01
Allethrin	0.01	Cyanophos	0.01	Ethalfuralin	0.01
Anilofos	0.01	Cycloate	0.01	Ethion	0.01
Atrazine	0.01	Cyflufenamid	0.01	Ethofumesate	0.01
Azaconazole	0.01	Cyfluthrin	0.03	Ethoxyquin	0.05
Azinphos-Ethyl	0.02	Cyhalofop-Butyl	0.03	Etobenzanid	0.01
Azinphos-Methyl	0.01	Cyhalothrin	0.01	Etofenprox	0.01
Benalaxyl	0.01	Cypermethrin	0.05	Etoxazole	0.05
Benfluralin	0.01	Cyproconazole	0.01	Etridiazole	0.05
Benfuresate	0.01	DDD	0.01	Etrimfos	0.01
Benoxacor	0.01	DDE	0.01	Famphur	0.02
BHC's	0.01	DDT	0.01	Fenamidone	0.01
Bifenox	0.01	Deltamethrin	0.03	Fenamiphos	0.01
Bifenthrin	0.01	Demeton O & S	0.02	Fenamiphos Sulfone	0.01
Bioresmethrin	0.05	Demeton-S-Methyl	0.01	Fenarimol	0.01
Boscalid	0.01	Diafenthuron	0.1	Fenchlorphos	0.01
Bromobutide	0.01	Dialifos	0.01	Fenitrothion	0.01
Bromophos	0.01	Diazinon	0.01	Fenoxaprop-Ethyl	0.01
Bromophos-Ethyl	0.01	Dichlobenil	0.05	Fenpropathrin	0.01
Bromopropylate	0.01	Dichlofenthion (ECP)	0.01	Fenpropimorph	0.01
Bupirimate	0.01	Dichlofluanid	0.05	Fensulfotion	0.01
Buprofezin	0.01	Dichlormid	0.01	Fenthion	0.01
Butachlor	0.01	Dichlorvos	0.01	Fenvalerate	0.05
Butafenacil	0.01	Diclocymet	0.01	Flamprop-Methyl	0.01
Butamifos	0.01	Diclofop-Methyl	0.01	Fluazifop-Butyl	0.01
Butylate	0.01	Dicloran	0.02	Flucythrinate	0.02
Cadusafos	0.01	Dicofol	0.01	Flufenacet	0.01
Captan	0.01	Dicrotophos	0.01	Fluquinconazole	0.01
Carbophenothion	0.01	Dieldrin	0.005	Flusilazole	0.01
Carboxin	0.01	Diethofencarb	0.03	Flutolanil	0.01
Carfentrazone-Ethyl	0.01	Difenoconazole	0.03	Fluvalinate	0.01
Carpropamid	0.01	Difflufenican	0.01	Fonofos	0.01
Chlorbenside	0.01	Dimepiperate	0.01	Formothion	0.02
Chlorbufam	0.01	Dimethenamid	0.02	Fosthiazate	0.01
Chlordane	0.01	Dimethipin	0.01	Fthalide	0.01
Chlorethoxyfos	0.01	Dimethoate	0.01	Furametpyr	0.01
Chlorfenapyr	0.01	Dimethylvinphos	0.01	Furilazole	0.01
Chlorfenson	0.01	Dioxathion	0.01	Halfenprox	0.05
Chlorfenvinphos	0.01	Diphenamid	0.01	Haloxypop	0.01
Chlornitrofen	0.05	Diphenylamine	0.02	Haloxypop Methyl	0.01
Chlorobenzilate	0.01	Disulfoton	0.01	Heptachlor	0.01
Chloroneb	0.03	Disulfoton Sulfone	0.01	Heptachlor Epoxide	0.01
Chlorpropham	0.01	Dithiopyr	0.01	Hexachlorobenzene	0.01
Chlorpyrifos	0.01	Edifenphos	0.01	Hexazinone	0.01
Chlorpyrifos Methyl	0.01	Endosulfan	0.01	Imazalil	0.01
Chlorthal-Dimethyl	0.04	Endosulfan Sulfate	0.02	Iprobenfos	0.01
Chlorthiofos	0.05	Endrin	0.005	Iprodione	0.01
Chlozolinate	0.05	EPN	0.01	Isazophos	0.01

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Isocarbophos	0.01	Phosmet	0.01	Terbufos	0.005
Isofenphos	0.01	Phosphamidon	0.01	Terbutryn	0.02
Isofenphos-Methyl	0.01	Piperonyl Butoxide	0.02	Tetrachlorvinphos	0.01
Isoprothiolane	0.03	Piperophos	0.01	Tetraconazole	0.01
Isoxadifen-Ethyl	0.01	Pirimicarb	0.01	Tetradifon	0.01
Kresoxim-Methyl	0.01	Pirimioxyphos	0.01	Tetramethrin	0.01
Lindane (gamma-BHC)	0.01	Pirimiphos Ethyl	0.02	Thenylchlor	0.01
Malathion	0.01	Pirimiphos-Methyl	0.01	Thiazopyr	0.01
Mecarbam	0.01	Pretilachlor	0.01	Thifluzamide	0.02
Mepanipyrim	0.01	Prochloraz	0.01	Thiobencarb	0.01
Mephosfolan	0.01	Procymidone	0.02	Thiocyclam	0.01
Mepronil	0.01	Profenofos	0.01	Thiometon	0.01
Metalaxyl / Mefanoxam	0.01	Prometryn	0.02	Tolclofos-Methyl	0.01
Metconazole	0.02	Propachlor	0.01	Tolyfluandil	0.01
Methabenzthiazuron	0.01	Propanil	0.01	Tralomethrin	0.02
Methacrifos	0.01	Propaphos	0.01	Triadimefon	0.01
Methoprene	0.01	Propargite	0.01	Tri-allate	0.01
Methoxychlor	0.01	Propazine	0.01	Triazophos	0.01
Metolachlor	0.01	Propetamphos	0.01	Tribuphos	0.01
Metominostrobin	0.01	Propiconazole	0.03	Trichlamide	0.05
Metribuzin	0.01	Prothiofos	0.01	Trichlorfon	0.01
Mevinphos	0.01	Pyraclofos	0.02	Tridiphane	0.02
Mirex	0.1	Pyraflufen Ethyl	0.01	Triflumizole	0.01
Molinate	0.01	Pyrazophos	0.01	Trifluralin	0.01
Monocrotophos	0.01	Pyrethrins	0.1	Vamidothion	0.03
Myclobutanil	0.01	Pyributicarb	0.01	Vinclozolin	0.01
Naled	0.01	Pyridaben	0.01		
Naproanilide	0.01	Pyridafenthion	0.01		
Napropamide	0.01	Pyrifenox	0.01		
Nitrofen	0.03	Pyrimethanil	0.01		
Nitrothal-Isopropyl	0.01	Pyrimidifen	0.01		
Norflurazon	0.03	Pyriminobac-Methyl	0.01		
Omethoate	0.02	Pyriproxyfen	0.01		
o-Phenyl Phenol	0.05	Pyroquilon	0.01		
Orysastrobil	0.01	Quinalphos	0.01		
Oxadiazon	0.01	Quinoxifen	0.01		
Oxyfluorfen	0.01	Quintozene	0.01		
Paclobutrazol	0.01	Quizalofop-Ethyl	0.01		
Parathion	0.01	Salithion (Dioxabenzofos)	0.01		
Parathion-Methyl	0.01	Silafluofen	0.01		
Penconazole	0.01	Simazine	0.05		
Pendimethalin	0.02	Simetryn	0.02		
Pentoxazone	0.01	Spiroxamine	0.01		
Permethrin	0.02	Sulfotep	0.01		
Perthane	0.03	Sulprofos	0.01		
Phenothiol	0.05	TCMTB (Benthiazole)	0.02		
Phenothrin	0.02	Tebuconazole	0.03		
Phenthoate	0.01	Tebufenpyrad	0.01		
Phorate	0.01	Tebupirimfos	0.02		
Phorate Sulfone	0.01	Tecnazene	0.01		
Phosalone	0.01	Tefluthrin	0.02		

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