



OMIC USA INC.
ANALYTICAL LABORATORY

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Basic and Extended Pesticide Profiles at OMIC USA Inc.

Using methodology published and validated by the AOAC International, and other highly recognized organizations, OMIC USA Inc. offers a variety of pesticide screening services through our Basic and Extended Pesticide profiles. These lists are comprised of recent additions to the food safety industry, and the most popular requests by our large customer base. These inexpensive screens use a combination of our Gas Chromatograph, and Liquid Chromatograph that provide precise results in a wide variety of commodities.

This year, we've updated our profiles to reflect these client needs, and added many new pesticides and herbicides to each profile. Here are some of our changes:

- Our all-new GC-MSMS (triple quad mass spectrometer), which increases our ability to detect and confirm the presence or absence of a compound.
- Simplified extraction processes that allow our highly trained chemists to test for more compounds in a shorter period of time.
- Updates to the 2005 "Positive List" of pesticides, feed additives, and veterinary drugs provided by the Japanese Ministry of Health, Labor, and Welfare (MHLW) for exported goods.

As a result of these changes, our Basic Profile now contains 281 compounds (previously 239), and our Extended Profile now contains 422 compounds (previously 414). Both profiles have an increased price of 10% from the previous year, but cover a much wider selection of potential contaminants. Some compounds have been removed from our previous lists, but can still be requested at any time from our ever-growing database of pesticides and herbicides used around the world.

Attached are both profiles, and a comparison sheet, which shows the removed and added compounds in each list. Please don't hesitate to contact us if you have any questions or concerns about any of the materials.

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Compound	MDL	Units	PROFILE (2011)	
			BASIC	EXTENDED
Alachlor	0.01	ppm	y	
Bensultap	0.05	ppm		
Carbophenothion	0.01	ppm	y	
Carbosulfan	0.01	ppm		
Chlorethoxyfos	0.01	ppm	y	
Chlornitrofen	0.05	ppm	y	
Chloroneb	0.03	ppm	y	
Chlorthal-Dimethyl	0.04	ppm	y	
Chlorthiofos	0.05	ppm	y	
Cyanophenphos	0.02	ppm	y	
Dialifos	0.01	ppm	y	
Di-allate	0.02	ppm		
Dichlobenil	0.05	ppm	y	
Dicloran	0.02	ppm	y	
Dicrotophos	0.01	ppm		y
Dimethenamid	0.02	ppm	y	
Diphenylamine	0.02	ppm	y	
Esfenvalerate	0.02	ppm	y	
Etridiazole	0.05	ppm	y	
Famphur	0.02	ppm	y	
Flufenacet	0.01	ppm		y
Fosthiazate	0.01	ppm	y	
Haloxyfop Methyl	0.01	ppm	y	
Iprodione	0.01	ppm		y
Isocarbophos	0.01	ppm	y	
Isofenphos-Methyl	0.01	ppm	y	
Mephosfolan	0.01	ppm	y	
Mirex	0.1	ppm	y	
Monocrotophos	0.01			y
Nitrofen	0.03	ppm	y	
o-Phenyl Phenol	0.05	ppm	y	
Orysastrobins	0.01	ppm		y
Perthane	0.03	ppm	y	
Phenothiol	0.05	ppm	y	
Pirimioxyphos	0.01	ppm	y	
Pronamide	0.1	ppm		
Propanil	0.01	ppm	y	
Pyrethrins	0.1	ppm	y	
Pyrifenoxy	0.01	ppm	y	
Salithion (Dioxabenzofos)	0.01	ppm	y	
Sulfotep	0.01	ppm	y	
Sulprofos	0.01	ppm	y	y
Tebupirimfos	0.02	ppm	y	
Tetramethrin	0.01	ppm	y	
Thenylchlor	0.01	ppm	y	
Thiazopyr	0.01	ppm		y
Thifluzamide	0.02	ppm		
Thiobencarb	0.01	ppm	y	

entirely new compound
 new basic compound
 new extended compound
 deleted compound

Compound	MDL	Units	PROFILE (2011)	
			BASIC	EXTENDED
Thiocyclam	0.01	ppm	y	
Thiometon	0.01	ppm	y	
Tolyfluanid	0.01	ppm	y	
Trichlamide	0.05	ppm	y	y
Tridiphane	0.02	ppm	y	
Alanycarb	0.02	ppm		
Barban	0.05	ppm		
Bendiocarb	0.01	ppm		y
Bentazone	0.02	ppm		
Bifenazate	0.05	ppm		
Chloridazon	0.1	ppm		y
Chloroxuron	0.05	ppm		y
Clethodim	0.02	ppm		
CPMC (Etrofol)	0.02	ppm		y
Cycloxydim	0.05	ppm		
Cymoxanil	0.02	ppm		y
Desmedipham	0.2	ppm		y
Fenobucarb	0.01	ppm		y
Isoprocarb	0.01	ppm		y
Mandipropamid	0.01	ppm		y
Phenmedipham	0.05	ppm		y
Propoxur	0.01	ppm		y
Tepraloxydim	0.01	ppm		
Tralkoxydim	0.01	ppm		
Triticonazole	0.01	ppm		y

entirely new compound
 new basic compound
 new extended compound
 deleted compound