

2013 PRIMUSLABS MULTI-RESIDUE SCREEN LIST OF COMPOUNDS AND COMPOUNDS RAN WITH SPECIFIC METHODS OF ANALYSIS

STANDARD MULTI-RESIDUE SCREEN -GROUPS A, B, C

A) Halogenated Pesticides

Acetamiprid	Chlorothalonil	Endosulfan II	Lindane	Propanil
Alachlor	Chloroxuron	Endosulfan Sulfate	Linuron	Propiconazole
Aldrin	Chlorpropham	Endrin	Mandipropamid	Pyraclostrobin
Anilazine	Cyanazine	Esfenvalerate*	Methoxychlor	Pyridaben
Atrazine	Cyfluthrin	Etaconazole*	Metolachlor	Pyridalyl
Benzoylprop-ethyl	Cypermethrin	Ethylan	Mirex	Pyrifenox
BHC, alpha	Cyproconazole	Fenarimol	Monolinuron	Quinoxyfen
BHC, beta	DCPA (Dacthal)	Fenazaquin	Myclobutanil	Simazine
BHC, delta	DDD	Fenbuconazole	Nitrofen	Simetryn
Bifenox	DDE	Fenhexamid	Nuarimol	Spirodiclofen
Bifenthrin	DDT	Fenson	Ofurace	Tebuconazole
Boscalid	Deltamethrin*	Fenvalerate	Oxadiazon	Terbacil
Bromacil	Dichlobenil	Flucythrinate	Oxadixyl	Tetradifon
Butachlor	Dichlofluanid	Fluopicolide	PCNB (Quintozene)	Thiobencarb
Captafol	Dichlone	Folpet	Paclbutrazol	Tolyfluanid
Captan*	Diclobutrazol	Fuchloralin	Penconazole	Toxaphene
Carfentrazone-ethyl	Dicloran	Heptachlor	Pentachloroaniline	Tralomethrin
Chlordane	Dicofol	Heptachlor epoxide	Permethrin	Triadimefon
Chlordimeform	Dieldrin	Hexachlorobenzene	Perthane	Triadimenol
Chlorfenapyr	Diethatyl-ethyl	Hexaconazole	Phosalone	Triflumizole
Chlorfenson	Difenoconazole	Imazalil	Prochloraz	Vegadex
Chlornitrofen	Dimethachlor	Indoxacarb	Procymidone	Vinclozolin
Chloroneb	Dimethomorph	Iprodione	Pronamide	zeta-Cypermethrin
Chlorobenzilate	Endosulfan I	Lambda-Cyhalothrin	Propachlor	

B) Organophosphate Pesticides

Acephate	DEF	Etrimfos	Methamidophos	Pirimiphos-methyl
Azinphos-ethyl	Demeton-o	Fenamiphos	Methidathion	Profenofos
Azinphos-methyl	Demeton-s	Fenitrothion	Methyl Trithion	Propetamphos
Bensulide	Demeton-s-sulfone	Fensulfothion	Mevinphos	Prothiofos
Bromophos	Dialifos	Fenthion	Monochrotophos	Prothoate
Bromophos-ethyl	Diazinon	Fonofos	Naled	Pyrazophos
Cadusafos	Dichlorvos	Formothion	Omethoate	Pyridaphenthion
Carbophenothion	Dicrotophos	Heptenophos	Parathion	Quinalphos
Carbophenothion OA	Dimethoate	Iprobenfos	Parathion-methyl	Ronnel
Chlorfenvinphos	Dioxathion	Isazophos	Phenthoate	Sulprofos
Chlorpyrifos	Disulfoton	Isofenphos	Phorate	Terbufos
Chlorpyrifos-methyl	Disulfoton sulfone	Leptophos	Phosalone	Tetrachlorvinphos
Chlorthiophos	Edifenphos	Malaoxon	Phosmet	Thiometon
Coumaphos	EPN	Malathion	Phosphamidon	Thionazin
Crotoxyphos	Ethion	Metasystox-R	Piperophos	Toclofos-methyl
Cyanophos	Ethoprop	Methacrifos	Pirimiphos	Triazophos

C) Methyl Carbamates

Aldicarb	Bendiocarb	Carbofuran 3-keto	Methiocarb sulfone*	Propoxur
Aldicarb sulfone	Bufencarb	Ethiofencarb	Methiocarb sulfoxide*	Thiodicarb
Alidicarb sulfoxide	Carbaryl	Fenobucarb	Methomyl	
Aminocarb	Carbofuran	Methiocarb	Oxamyl	

Multi-Residue Screen (MRS) - Includes Groups A, B & C

SPECIAL ANALYSES (Upon request)**D) Pesticides Containing Nitrogen/Sulfur**

Acrinathrin	Cycloate	Fipronil	Norflurazon	Pyrimethanil
Ametryn	Cyprodinil	Fonicamid	o-Phenylphenol	Pyriproxyfen
Azoxystrobin	Dimethametryn	Fludioxonil	Oryzalin	Quinomethionate
Benalaxyl	Diphenamid	Flurochloridone	Pendimethalin	Tebufenpyrad
Benefin	Diphenylamine	Fluzilazole	Pirimicarb	Tecnazene
Benfluralin	EPTC	Furalaxyl	Profluralin	Tefluthrin
Biphenyl	Ethalfuralin	Kresoxim-methyl	Promecarb	Thiabendazole
Bitertanol	Ethirimol	Mecarbam	Prometon	Tolyfluanid
Bromopropylate	Ethofumesate	Metalaxyl	Prometryn	Trifloxystrobin
Bupirimate	Ethoxyquin	Metazachlor	Propargite	Trifluralin
Buprofezin	Fenamidon	Methoprotryn	Propham	
Carbetamide	Fenpropathrin	Metribuzin	Pymetrozine	
Carbosulfan	Fenpropimorph	Mexacarbate	Pyrethrins	
Chlozolinate	Fenpyroximate	Napropamide	Pyrifenoxy	

E) Dithiocarbamates analysis (EBDCs and related compounds)

Ferbam	Maneb	Thiram	Ziram
Mancozeb	Metham-sodium	Zineb	

results reported as CS2

F) Chlorophenoxies and related compounds

2,4-D	2,4,5-TP	Dichlorprop	MCPA
2,4-DB	Bromoxynil	Diclofop-methyl	MCPB
2,4,5-T	Dicamba	Fluazifop-butyl	Silvex

G) Pesticide Analysis by Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS).

Abamectin	Dinotefuran	Methoxyfenozide	Spinosad*	Thiamethoxam
Chlorantraniliprole	Diuron	Novaluron	Spiromesifen	Thidiazuron
Clethodim	Hexythiazox	Sethoxydim	Spirotetramat	
Clothianidin	Imidacloprid*	Spinetoram*	Tebufenozide	

H) Benzimidazoles by LC-MS/MS

* Benomyl	* Carbendazim	Thiabendazole	Thiophanate-methyl
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*results reported as MBC

I) Sulfites in Foods by Optimized Monier-Williams Method

Detection at ≥ 10 ppm

J) Alar (Daminozide)**K) Clopyralid****L) Triclopyr****M) Patulin****N) Fenbutatin-oxide (Vendex)**

O) Oxydemeton-methyl, MetaSystox-R (MSR)

P) Oxyfluofen

Notes:

List is continually updated, please inquire if compound of interest is not included in the list.

FDA's multiresidue methods (MRMs) as described in the Pesticide Analytical Manual (PAM) Volume I are used for multiresidue analyses. Gas and Liquid chromatographic systems (GC & HPLC) with specific detectors; gas chromatographs with mass spectrometers (GC-MS); and liquid chromatograph with tandem mass spectrometer (LC-MS/MS) are utilized in analysis.

Pesticide Residue Testing Accreditations:

State of California Department of Health Services - Environmental Laboratory Accreditation Program (ELAP) Cert #1954. Japanese Ministry of Health, Labour and Welfare Registered Foreign Laboratory.

PrimusLabs makes no warranties as to the method's capabilities. Chemicals listed and detection limits are those provided by the FDA unless otherwise specified.