



Trust The Minds of Medallion.

Updated 08/08/2013

Multi-Residue Analysis (MRA): List of Organic Screen Analytes

All samples tested in-house at Medallion Labs for Multi-Residue Analysis will be screened for the following analytes.

NOTE: detection of analytes may be dependent on the sample matrix. For more information, please contact Medallion Labs by calling 800-245-5615 or send an email to info@medlabs.com. Thank you for your business.

Pesticide Name	LOD (mg/kg)	LOQ (mg/kg)*
1-Naphthol	0.010	TBD
3-Hydroxycarbofuran	0.010	0.015
Acephate	0.010	0.015
Acetamiprid	0.010	0.010
Acetochlor	0.010	NA
Aldicarb	0.010	0.010
Aldicarb Sulfone	0.010	0.010
Aldicarb Sulfoxide	0.010	0.015
Atrazine	0.010	0.015
Azinphos methyl	0.010	0.025
Azoxystrobin	0.010	0.015
Bendiocarb	0.010	NA
BHC alpha	0.010	0.025
Bifenazate	0.010	NA
Bifenthrin	0.010	NA
Bioallethrin (screened as S-Bioallethrin)	0.025	NA
Bitertanol	0.010	0.015
Boscalid (Nicobifen)	0.010	NA
Bromacil	0.010	0.025
Buprofezin	0.010	NA
Captan (monitored as THPI metabolite)	0.100	0.500
Carbaryl	0.010	0.015
Carbendazim	0.010	NA
Carbofuran	0.010	0.010
Chlorantraniprole	0.010	NA
Chlordane- <i>cis</i>	0.010	0.025
Chlordane- <i>trans</i>	0.010	0.025
Chlorfenapyr	0.010	NA
Chlorothalonil	0.010	0.100
Chlorpropham	0.010	0.025



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Chlorpyrifos	0.010	0.025
Chlorpyrifos-Me	0.010	0.010
Clofentezine	0.010	NA
Clothianidin	0.010	NA
Coumaphos	0.010	0.050
Cyazofamid	0.010	NA
Cycloate	0.025	NA
Cyfluthrin	0.010	0.200
Cyhalothrin Lambda	0.050	0.075
Cypermethrin	0.100	0.200
Cyprodinil	0.010	0.010
Cyromazine	0.010	NA
DCPA (Dacthal, Chlorthal-dimethyl)	0.010	0.010
DDD p,p'	0.010	0.010
DDD o,p'	0.010	0.010
DDE o,p'	0.010	0.010
DDE p,p'	0.010	0.010
DDT o,p'	0.025	0.025
DDT p,p'	0.010	0.100
DEF	0.010	0.050
Deltamethrin	0.100	0.100
Diazinon	0.010	0.015
Diazinon oxon	0.010	NA
Dichlorvos	0.010	0.025
Dicloran	0.010	0.025
Dicofol-o,p' (screened as 2,4-Dichlorobenzophenone)	0.010	NA
Dicofol-p,p' (screened as 4,4-Dichlorobenzophenone)	0.010	0.025
Dieldrin	0.015	0.025
Difenoconazole I & II	0.010	NA
Diflubenzuron	0.010	NA
Dimethoate	0.010	0.010
Dimethomorph	0.010	NA
Dinotefuran	0.010	NA
Diphenamid	0.010	0.025
Diphenylamine	0.010	0.010



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Disulfoton	0.010	0.100
Disulfoton Sulfone	0.010	NA
Diuron	0.010	0.050
Endosulfan Alpha	0.025	0.050
Endosulfan Beta	0.025	0.050
Endosulfan Sulfate	0.025	0.100
Endrin	0.025	0.025
Esfenvalerate+Fenvalerate total	0.050	0.200
Ethion	0.010	0.010
Ethoprophos	0.010	0.025
Ethoxyquin	0.025	0.025
Etoxazole	0.010	NA
Fenamidone	0.010	NA
Fenamiphos	0.015	0.025
Fenamiphos Sulfone	0.010	NA
Fenamiphos Sulfoxide	0.010	NA
Fenarimol	0.010	0.010
Fenbuconazole	0.010	NA
Fenhexamid	0.010	NA
Fenpropathrin	0.010	0.025
Fenproximate	0.010	NA
Fenthion	0.010	0.025
Fipronil	0.010	NA
Fonicamid	0.010	NA
Fludioxonil	0.010	NA
Fluoxastrobin	0.010	NA
Fluridone	0.010	NA
Flutolanil	0.010	NA
Fluvalinate-tau	0.010	0.025
Folpet (monitored as Phthalimide)	0.025	0.500
Fonofos	0.010	0.025
Heptachlor epoxide	0.010	0.025
Hexachlorobenzene	0.010	0.025
Hexaconazole	0.010	NA
Hexythiazox	0.010	NA



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Hydroprene	0.010	NA
Imazalil	0.010	0.010
Imidacloprid	0.010	0.015
Indoxacarb	0.010	NA
Iprodione (metabolite monitored qualitatively)	0.025	0.100
Lindane	0.010	0.015
Linuron	0.010	0.100
Malathion	0.010	0.010
Malathion Oxygen Analog (Malaoxon)	0.010	NA
Metalaxyl	0.010	0.010
Methamidophos	0.010	0.050
Methidathion	0.010	0.015
Methiocarb	0.010	0.015
Methomyl	0.010	0.010
Methoxychlor	0.010	0.025
Methoxyfenozide	0.010	NA
Metolachlor	0.010	0.025
Metribuzin	0.010	0.050
Mevinphos	0.010	0.025
MGK 264	0.010	NA
Myclobutanil	0.010	0.015
Naled (screened as Dichlorvos)	0.010	NA
Napropamide	0.010	0.015
Nonachlor- <i>cis</i>	0.010	NA
Nonachlor- <i>trans</i>	0.010	NA
Norflurazon	0.010	0.015
Omethoate	0.010	0.010
O-Phenylphenol	0.010	NA
Oxadixyl	0.010	NA
Oxamyl	0.010	0.010
Oxydemeton Methyl Sulfone (Demeton-S-Methyl Sulfone)	0.010	NA
Parathion-methyl	0.010	0.025
Pendimethalin	0.025	0.050
Pentachloroaniline	0.010	NA
Pentachlorobenzene	0.010	NA



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Pentachlorophenyl methyl sulfide (Pentachlorothioanisole)	0.010	NA
Permethrin	0.010	0.100
Phenmedipham	0.050	NA
Phorate Sulfone	0.010	NA
Phorate Sulfoxide	0.010	NA
Phosalone	0.010	0.015
Phosmet	0.010	0.025
Piperonyl Butoxide	0.015	0.015
Pirimicarb	0.010	0.010
Pirimiphos-methyl	0.010	0.010
Prallethrin	0.010	NA
Prochloraz	0.010	NA
Procymidone	0.010	0.010
Prometryn	0.010	0.015
Propargite (metabolite monitored)	0.010	NA
Propiconazole	0.010	0.015
Propyzamide	0.010	0.010
Pymetrozine	0.010	NA
Pyraclostrobin	0.010	NA
Pyridaben	0.010	NA
Pyrimethanil	0.010	NA
Pyriproxyfen	0.010	NA
Quinoxifen	0.010	NA
Quintozene (PCNB, Pentachloronitrobenzene)	0.010	0.025
Resmethrin	0.010	0.015
Simazine	0.010	0.015
Spinetoram	0.010	NA
Spiromefesin	0.010	NA
Tebuconazole	0.010	NA
Tebufenozide	0.010	NA
Tetrachlorvinphos	0.010	0.015
Tetradifon	0.010	0.010
Thiabendazole	0.010	0.015
Thiacloprid	0.010	NA
Thiobencarb	0.010	0.025



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Pesticide Name	LOD (mg/kg)	LOQ (mg/kg)*
Thiodicarb	0.050	NA
Triadimefon	0.010	0.100
Triadimenol	0.010	NA
Trifloxystrobin	0.010	0.015
Triflumizole	0.010	NA
Trifluralin	0.025	0.025
Vinclozolin	0.010	0.025

**All analytes with an LOQ listed as NA will be updated as analytes are detected and LOQ's can be determined.*