

PESTICIDE MULTIRESIDUE METHOD

SCOPE OF ACTIVE SUBSTANCES IN HONEY, SVRUPS {AGAVE, COCONUT, MAPLE) AND SUGAR

Substance name	Limit of quantification (LOQ) [mg/kg]				
		Chloropropylate ²	0.01	Dodine ¹	0.01
		Chlorothalonil ²	0.01		
		Chloroxuron¹	0.01	E	
2		Chlorpropham ²	0.01	Endosulfan, -alpha'	0.01
2.4-D ¹	0.01	Chlorpyrifos (-ethyl) ²	0.01	Endosulfan, -beta ²	0.01
		Chlorpyrifos-methyl ¹	0.01	Endosulfan-sulfate ²	0.01
A		Chlorthal-dimethyl ¹	0.01	Endrin ²	0.01
Acephate ^{1,2}	0.01	Chlorthion ²	0.01	EPN ^{1,2}	0.01
Acequinocyl ¹	0.01	Chlorthiophos ²	0.01	Epoxiconazole ¹	0.01
Acetamiprid ¹	0.01	Chlozolinate ²	0.01	Ethiofencarb ¹	0.01
Acibenzolar-S-methyl ¹	0.01	Clofentezine ¹	0.01	Ethiofencarb-sulfone ¹	0.01
Aclonifen ²	0.01	Clomazone ¹	0.01	Ethion ²	0.01
Acrinathrin ²	0.01	Clopyralid ¹	0.01	Ethoprophos ²	0.01
Alachlor ²	0.01	Clothianidin ¹	0.01	Ethoxyquin ¹	0.01
Aldicarb ¹	0.01	Coumaphos ^{1,2}	0.01	Etofenprox ²	0.01
Aldicarb sulfone (Aldoxycarb) ¹	0.01	Cyanofenphos ²	0.01	Etridiazole ²	0.01
Aldicarb sulfoxide ¹	0.01	Cyanophos ²	0.01	Etrimfos ²	0.01
Aldrin ²	0.01	Cyantraniliprole ¹	0.01		
Allethrin ²	0.01	Cyfluthrin (sum of isomers) ²	0.01	F	
Amitraz (incl. rel. metabolites) ¹	0.01	Cyhalothrin, -lambda'	0.01	Famoxadone ¹	0.01
Avermectin Bla ¹	0.01	Cymiazole ^{1,2}	0.01	Famphur ²	0.01
Avermectin Blb ¹	0.01	Cymoxanil ¹	0.01	Fenamiphos ¹	0.01
Azinphos-ethyl ¹	0.01	Cypermethrin (sum of isomers) ²	0.01	Fenarimol ¹	0.01
Azinphos-methyl ¹	0.01	Cyproconazole ¹	0.01	Fenazaquin¹	0.01
Azoxystrobin ¹	0.01	Cyprodinil ¹	0.01	Fenbuconazole ¹	0.01
		Cyromazin¹	0.01	Fenchlorphos ²	0.01
B				Fenhexamid¹	0.01
Benalaxyl-M (sum of isomers) ¹	0.01	D		Fenitrothion ²	0.01
Benfluralin ²	0.01	Daminozide¹	0.01	Fenoxycarb¹	0.01
Benomyl ¹	0.01	DDD, o,p'- ²	0.01	Fenpropathrin ²	0.01
Bifenazate ²	0.01	DDD, p,p'- ²	0.01	Fenpropimorph ¹	0.01
Bifenthrin ²	0.01	DDE, o,p'- ²	0.01	Fenpyroximate¹	0.01
Binapacryl ¹	0.01	DDE, p,p'- ²	0.01	Fenson²	0.01
Biphenyl ¹	0.01	DDT, o,p'- ²	0.01	Fensulfothion ²	0.01
Bitertanol ¹	0.01	DDT, p,p'- ²	0.01	Fenthion¹	0.01
Boscalid ¹	0.01	DEET (Diethyltoluamid) ¹	0.01	Fenthion-oxon¹	0.01
Bromacil ¹	0.01	Deltamethrin ²	0.01	Fenthion-oxon-sulfone ¹	0.01
Bromophos (-methyl) ¹	0.01	Demeton-S-methyl ¹	0.01	Fenthion-sulfoxide ¹	0.01
Bromophos-ethyl ¹	0.01	Demeton-S-methyl-sulfone ¹	0.01	Fenvalerate/Esfenvalerate	0.01
Bromopropylate	0.01	Demeton-5-methyl-sulfoxide ¹	0.01	(sum of isomers) ²	
(incl. 4,4'-Dibromobenzophenone) ²		Diafenthiuron ¹	0.01	Fipronil ²	0.005
Bromuconazole (sum of isomers) ¹	0.01	Diazinon²	0.01	Fluazifop-P ¹	0.01
Bupirimate ¹	0.01	Dichlobenil ²	0.01	Fluazifop-P-butyl ¹	0.01
Buprofezin¹	0.01	Dichlofenthion ²	0.01	Fluazinam¹	0.01
		Dichlofluanid ²	0.01	Fluchloralin ²	0.01
C		Dichlorvos^{1,2}	0.01	Flucythrinate ²	0.01
Cadusafos ¹	0.01	Dicloran ²	0.01	Fludioxonil ¹	0.01
Captan ²	0.01	Dicofol (incl. 4,4'-Dichlorobenzophenone) ²	0.01	Flufenoxuron¹	0.01
Carbaryl ¹	0.01	Dieldrin ²	0.01	Fluopyram ¹	0.01
Carbendazim (incl. Benomyl) ¹	0.01	Diethofencarb ¹	0.01	Fluquinconazole ¹	0.01
Carbetamide (sum of isomers) ¹	0.01	Difenoconazol ¹	0.01	Flusilazole ¹	0.01
Carbofuran (incl. Carbosulfan) ¹	0.01	Diflubenzuron ¹	0.01	Flutriafol ¹	0.01
Carbofuran-3-hydroxy ¹	0.01	Diflufenican ¹	0.01	Fluvalinate, Tau- ²	0.01
Carbophenothion ²	0.01	Dimethoat ¹	0.01	Fluxapyroxad ¹	0.01
Chlordane, cis- (alpha-) ¹	0.01	Dimethomorph ¹	0.01	Folpet ²	0.01
Chlordane, Oxy- ²	0.01	Dimoxystrobin¹	0.01	Fonofos¹	0.01
Chlordane, trans- (gamma-) ¹	0.01	Diniconazol¹	0.01	Formothion ²	0.01
Chlorfenapyr ²	0.01	Dinotefuran¹	0.01		
Chlorfenson ²	0.01	Diphenylamin ¹	0.01	H	
Chlorfenvinphos ^{1,2}	0.01	Disulfuton ¹	0.01	Halfenprox ²	0.01
Chlormephos ²	0.01	Disulfuton sulfone ¹	0.01	Haloxypol ¹	0.01
Chlorobenzilate ²	0.01	Disulfuton sulfoxide ¹	0.01	HCH, alpha- (Hexachlorocyclohexane, alpha-BCH) ²	0.01
Chloroneb ²	0.01	Ditalimfos ²	0.01	HCH, beta- (Hexachlorocyclohexane, beta-BCH) ²	0.01
		Diuron¹	0.01		

beta-BCH) ²					Tefluthrin ²	0.01
HCH, delta- (Hexachlorocyclohexane, delta-BCH) ¹	0.01	O	Omethoat ¹	0.01	Terbufos ²	0.01
Heptachlor ²	0.01		Oxadixyl ¹	0.01	Terbutylazine ¹	0.01
Heptachlor epoxide, cis- ²	0.01		Oxamyl ¹	0.01	Tetrachlorvinphos ²	0.01
Heptachlor epoxide, trans- ²	0.01	P			Tetraconazole ¹	0.01
Heptenophos ²	0.01		Paraoxon (-ethyl) ²	0.01	Tetradifon ²	0.01
Hexachlorobenzene (HCB) ²	0.01		Paraoxon-methyl ¹	0.01	Tetramethrin ²	0.01
Hexaconazole ¹	0.01		Parathion (-ethyl) ²	0.01	Tetrasul ²	0.01
Hexaflumuron ²	0.01		Parathion-methyl ²	0.01	Thiabendazole ¹	0.01
Hexythiazox ¹	0.01		Penconazole ¹	0.01	Thiacloprid ¹	0.01
			Pencycuron ¹	0.01	Thiamethoxam ¹	0.01
I			Pendimethalin ²	0.01	Thiodicarb ¹	0.01
Imazalil ¹	0.01		Pentachloroaniline ²	0.01	Thionazin ²	0.01
Imidacloprid ¹	0.01		Pentachloroanisole ²	0.01	Thiophanat-methyl ¹	0.01
Inodoxacarb ¹	0.01		Permethrin (sum of isomers) ²	0.01	Tolclofos-methyl ²	0.01
Iodofenphos ²	0.01		Phenthoate ²	0.01	Tolyfluaniid ²	0.01
Iprobenfos ²	0.01		Phenylphenol, 2- ²	0.01	Triadimefon ¹	0.01
Iprodione ²	0.01		Phorate ²	0.01	Triadimenol ¹	0.01
Iprovalicarb ¹	0.01		Phorate sulfone ¹	0.01	Triallate ²	0.01
Isazofos ²	0.01		Phosalone ²	0.01	Triazophos ²	0.01
Isocarbofos ²	0.01		Phosmet ²	0.01	Trichlorfon ¹	0.01
Isodrin ²	0.01		Phosphamidon ²	0.01	Trichloronat ²	0.01
Isofenphos ¹	0.01		Piperonyl butoxide ²	0.01	Trifloxystrobin ¹	0.01
Isofenphos-methyl ¹	0.01		Pirimicarb ¹	0.01	Triflumizole ¹	0.01
Isoproturon ¹	0.01		Pirimicarb, Desmethyl- ¹	0.01	Trifluralin ²	0.01
Isoxathion ²	0.01		Pirimicarb, Desmethylformamido- ¹	0.01	Triflorine ¹	0.01
			Pirimiphos-ethyl ¹	0.01	V	
K			Pirimiphos-methyl ²	0.01	Vinclozolin ²	0.01
Kresoxim-methyl ¹	0.01		Prochloraz ¹	0.01		
			Procymidone ²	0.01		
L			Profenofos ²	0.01		
Leptophos ²	0.01		Profluralin ²	0.01		
Lindane (gamma-HCH, gamma-BCH) ¹	0.01		Propamocarb ¹	0.01	Technical equipment	
Linuron ¹	0.01		Propargite ¹	0.01	¹ : LC-MS/MS	
Lufenuron ¹	0.01		Propetamphos ²	0.01	² : GC-MS/MS	
			Propiconazole ¹	0.01		
M			Propoxur ¹	0.01	Method	2
Malaoxon ¹	0.01		Propyzamide ¹	0.01	ASU § 64 LFGB L 00.00-115 (DIN EN 15662),	
Malathion ¹	0.01		Prothioconazole ¹	0.01	QuEChERS	
Matrine (incl. Oxymatrine) ¹	0.01		Prothiofos ²	0.01		
Mecarbam ¹	0.01		Pymetrozine ¹	0.01	Additional residue analyses (included in pesticide multiresidue method)	
Mepanipyrim ¹	0.01		Pyraclostrobin ¹	0.01	Bee treatment agents by GC-MS/MS	
Mepronil ¹	0.01		Pyrazophos ²	0.01	Neonicotinoide by LC-MS/MS	
Mesotrione ¹	0.01		Pyridaben ¹	0.01		
Metalaxyl ¹	0.01		Pyridaphenthion ¹	0.01		
Metamitron ¹	0.01		Pyrifenoxy ¹	0.01		
Metazachlor ¹	0.01		Pyrimethanil ¹	0.01	Additional residue analyses (not included in pesticide multiresidue method)	
Methacrifos ²	0.01		Pyriproxyfen ¹	0.01	Chlorate, Perchlorate by LC-MS/MS	
Methamidophos ^{1, 2}	0.01				Chlormequat, Mepiquat by LC-MS/MS	
Methidathion ²	0.01	Q			Diquat, Paraquat by LC-MS	
Methiocarb ¹	0.01		Quinalphos ²	0.01	Dithiocarbamates by GC-MS/MS	
Methiocarb sulfone ¹	0.01		Quinoxifen ¹	0.01	Ethephon by LC-MS/MS	
Methioicarb sulfoxide ¹	0.01		Quintozene ²	0.01	Ethylendibromide by GC-MS/MS	
Methomyl ¹	0.01				Fentin by LC-MS/MS	
Methoxychlor ²	0.01		R		Flumethrin by GC-MS/MS	
Methoxyfenozide ¹	0.01		Rotenone ¹	0.01	Fosetyl-AI, Phosphonic acid by LC-MS/MS	
Metobromuron ¹	0.01				Glyphosate (incl. AMPA), Glufosinate by LC-MS/MS	
Metolcarb ¹	0.01	S			Maleic hydrazide by LC-MS/MS	
Metoxuron ¹	0.01		5 421 (Octachlorodipropyl ether) ¹	0.01	Nicotine by LC-MS/MS	
Metribuzin ¹	0.01		Spinosad ¹	0.01	Organotin-Pesticides by LC-MS/MS	
Mevinphos ²	0.01		Spirodiclofen ¹	0.01	Phenoxyalkanoic acids by LC-MS/MS	
Mirex ²	0.01		Spiromesifen ¹	0.01	Phosphane by GC-MS/MS	
Monocrotophos ²	0.01		Spirotetramat ¹	0.01	Polychlorinated Biphenyls (PCBs) by GC-MS/MS	
Monolinuron ¹	0.01		Spiroxamine ¹	0.01	Quaternary ammonium compounds (QAVs) by LC-MS/MS	
Myclobutanil ¹	0.01		Sulfotep ²	0.01	Beerepellents, wax moth control agents by GC-MS/MS	
			Sulfoxaflor ¹	0.01	Total Inorganic Bromide, Bromate by LC-MS/MS	
N			Sulprofos ²	0.01		
Nitenpyram ¹	0.01	T				
Nitrapyrin ²	0.01		Tebuconazole ¹	0.01		
Nitrofen ²	0.01		Tebufenozide ¹	0.01		
Nuarimol ¹	0.01		Tebufenpyrad ¹	0.01		
			Tecnazene ²	0.01		
			Teflubenzuron ¹	0.01		