

AP0_LI_014 (Version: 04/13.09.2019)

Screening auf Pestizidrückstände in Lebensmitteln und pflanzlichen Rohstoffen
Screening for pesticides in foodstuffs and plant raw materials

Pesticide Common Names [Limit Ph.Eur./USP]	LoQ mg/kg	1)	Pesticide Common Names [Limit Ph.Eur./USP]	LoQ mg/kg	1)	Pesticide Common Names [Limit Ph.Eur./USP]	LoQ mg/kg	1)
2,4-D	0.01	LC	Bromocyclen	0.01	GC	Cymiazole	0.01	LC
2,4-DP	0.01	LC	Bromophos-ethyl [0.05]	0.01	GC	Cymoxanil*	0.01	LC
4-CPA	0.01	LC	Bromophos-methyl [0.05]	0.01	GC	Cypermethrin + isomers [1]	0.01	GC
Abamectin	0.01	LC	Bromopropylate [2]	0.01	GC	Cyproconazole	0.01	LC
Acephate [0.1]	0.01	LC	Bromuconazole (cis- + trans-)	0.01	LC	Cyprodinil	0.01	GC
Acequinocyl	0.01	GC	Bupirimate	0.01	LC	Cyromazine	0.01	LC
Acetamiprid	0.01	LC	Buprofezin	0.01	LC	Daminozide	0.01	LC
Acibenzolar-S-methyl	0.01	GC	Butafenacil	0.01	GC	DDAC	0.01	LC
Acrinathrin*	0.01	GC	Butocarboxim	0.01	LC	DDT [1]	0.01	GC
Alachlor [0.05]	0.01	GC	Butocarboxim-sulfoxide	0.01	LC	(o,p'-DDE + p,p'-DDE + o,p'-DDT + p,p'-DDT + o,p'-TDE + p,p'-TDE)		
Alanycarb*	0.01	LC	Cadusafos	0.01	LC	DEET	0.01	LC
Aldicarb	0.01	LC	Captafol	0.5	GC	Deltamethrin [0.5]	0.01	GC
(Aldicarb + Aldicarb-sulfoxide* + Aldicarb-sulphone)			Captan	0.1	GC	Demeton-S-methyl	0.01	LC
Aldrin	0.01	GC	Carbaryl	0.01	LC	Desisopropylatrazin	0.01	LC
Aldrin + Dieldrin [0.05]	0.01	GC	Carbendazim	0.01	LC	Diafenthuron*	0.01	LC
Ametoctradin	0.01	LC	Carbetamide	0.01	LC	Dialifos*	0.01	LC
Ametryn	0.01	LC	Carbofenthoion	0.01	GC	Diazinon [0.5]	0.01	LC
Amidithion	0.01	LC	Carbofuran + 3-Hydroxycarbofuran + Carbosulfan*	0.1	LC	Dibrom*	0.01	LC
Amidosulfuron	0.01	LC	Carboxin	0.01	LC	Dibrombenzophenon (4,4-)	0.01	GC
Aminocarb	0.01	LC	Cartap*	0.01	LC	Dichlobenil	0.01	GC
Aminopyralid	0.01	GC	Chinomethionat	0.01	GC	Dichlofenthion	0.01	GC
Amisulbrom	0.01	GC	Chlorantraniliprole	0.01	LC	Dichlofluanid [0.1]	0.01	GC
Anilazine*	0.01	GC	Chlorbufam	0.01	GC	Dichlorbenzamid (2,6-)	0.01	LC
Anthraquinone	0.01	GC	Chlordane [0.05]	0.01	GC	Dichlorbenzophenon (4,4-)	0.01	GC
Aspon	0.01	LC	(cis-Chlordane + trans-Chlordane + Oxychlordane)			Dichlorvos [1]	0.01	GC
Atrazine	0.01	LC	Chlorfenapyr	0.01	GC	Diclobutrazol	0.01	LC
Azaconazole	0.01	LC	Chlorfenson	0.01	GC	Dicloran	0.01	GC
Azadirachtin*	0.1	LC	Chlorfenvinphos [0.05]	0.01	GC	Dicofol [0.5]	0.5	GC
Azamethiphos*	0.01	LC	Chlorfluazuron	0.01	LC	Dicrotophos*	0.01	LC
Azinphos-ethyl [0.1]	0.01	GC	Chlormephos	0.01	GC	Dieldrin	0.01	GC
Azinphos-methyl [1]	0.01	LC	Chlorobenzilate*	0.01	GC	Diethofencarb	0.01	LC
Azoxystrobin	0.01	LC	Chlorothalonil*	0.01	GC	Difenoconazole	0.01	LC
BAC10	0.01	LC	Chlorpropham	0.01	GC	Diflubenzuron	0.01	LC
BAC12	0.01	LC	Chlorpyrifos-ethyl [0.2]	0.01	GC	Dimethipin	0.01	GC
BAC14	0.01	LC	Chlorpyrifos-methyl [0.1]	0.01	GC	Dimethoate + Omethoate [0.1]	0.01	LC
BAC16	0.01	LC	Chlorsulfuron	0.01	LC	Dimethomorph	0.01	LC
BAC18	0.01	LC	Chlorthal-dimethyl [0.01]	0.01	GC	Dimetilan	0.01	LC
Benalaxyl	0.01	LC	Chlorthiophos	0.01	GC	Dimoxystrobin	0.01	LC
Bendiocarb	0.01	LC	Chlozolate*	0.01	GC	Diniconazole	0.01	LC
Benfluralin	0.01	GC	Chromafenozide	0.01	LC	Dinotefuran	0.01	LC
Benfuracarb*	0.1	LC	Cinidon-ethyl	0.01	GC	Dioxabenzofos*	0.01	GC
Benodanil	0.01	LC	Cinosulfuron	0.01	LC	Dioxacarb	0.01	LC
Bensulfuron-methyl*	0.01	LC	Clodinafop-propargyl*	0.01	LC	Dioxathion	0.01	LC
Bentazon	0.01	LC	Clofentezine*	0.01	LC	Diphenamid	0.01	LC
Benthiavalicarb-isopropyl	0.01	LC	Clothianidin	0.01	LC	Diphenylamine	0.01	GC
Benzoximate	0.01	LC	Coumaphos	0.01	GC	Disulfoton	0.01	GC
Bifenazate*	0.01	LC	Cyanofenphos	0.01	GC	Disulfoton-sulfoxide	0.01	LC
Bifenox	0.01	GC	Cyanophos	0.01	GC	Disulfoton-sulfone	0.01	LC
Bifenthrin	0.01	GC	Cyazofamid*	0.01	LC	Ditalimfos	0.01	GC
Biphenyl	0.01	GC	Cyenopyrafen	0.01	LC	Dithiopyr	0.01	GC
Bistrifluron	0.01	LC	Cyflufenamid	0.01	LC	Diuron	0.01	LC
Bitertanol	0.01	LC	Cyfluthrin + isomers [0.01]	0.01	GC	DMST	0.01	LC
Bixafen	0.01	LC	Cyhexatin	0.01	LC	Dodemorph	0.01	LC
Boscalid	0.01	LC				Dodine	0.01	LC

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Emamectin (B _{1a} + B _{1b})	0.01	LC	Fluazifop-p	0.01	GC	Isocarbophos	0.01	GC
Endosulfan [2]	0.01	GC	Fluazinam	0.01	LC	Isodrin	0.01	GC
(α -Endosulfan + β -Endosulfan + Endosulfansulfat)			Flubendiamide	0.01	LC	Isofenphos-ethyl	0.01	GC
Endrin [0.05]	0.01	GC	Flubenzimine*	0.01	GC	Isofenphos-methyl	0.01	GC
EPN	0.01	GC	Flucythrinate [0.05]	0.01	GC	Isoproc carb	0.01	LC
Epoxiconazole	0.01	LC	Fludioxonil	0.01	GC	Isopropalin	0.01	GC
Etaconazole	0.01	LC	Flufenacet	0.01	LC	Isoprothiolane	0.01	LC
Ethaboxam	0.01	LC	Flufenoxuron	0.01	LC	Isoproturon	0.01	LC
Ethiofencarb	0.01	LC	Flumethrin	0.1	GC	Isopyrazam	0.01	LC
Ethiofencarb-sulfoxide	0.01	LC	Flumioxazin	0.01	GC	Isoxathion	0.01	LC
Ethiofencarb-sulfone	0.01	LC	Flumorph	0.01	LC	Jodfenphos	0.01	GC
Ethion [2]	0.01	GC	Fluopicolide	0.01	LC	Kresoxim-methyl	0.01	GC
Ethiprole	0.01	LC	Fluopyram	0.01	LC	Lambda-Cyhalothrin [1]	0.01	GC
Ethirimol	0.01	LC	Fluoxastrobin	0.01	LC	Lindan (γ -HCH) [0.6]	0.01	GC
Ethoprophos	0.01	GC	Flupyradifurone	0.01	LC	Linuron	0.01	LC
Ethoxyquin*	0.01	LC	Fluquinconazole	0.01	GC	Lufenuron	0.01	LC
Etofenprox	0.01	GC	Fluroxypyr	0.01	LC	Malathion + Malaixon* [1]	0.01	GC
Etozazole	0.01	LC	Flurtamone	0.01	LC			LC
Etridiazole	0.01	GC	Flusilazole	0.01	LC	Mandipropamid	0.01	LC
Etrimfos [0.05]	0.01	GC	Flutianil	0.01	GC	MCPA	0.01	LC
Famoxadone	0.01	GC	Flutolanil	0.01	LC	MCPP	0.01	LC
Famphur	0.01	GC	Flutriafol	0.01	LC	Mecarbam [0.05]	0.01	GC
Fenamidone	0.01	LC	Fluvalinate (τ -) [0.05]	0.01	GC	Mepanipirim	0.01	LC
Fenamiphos + Fenamiphos-sulfoxide + Fenamiphos-sulphone	0.01	LC	Fluxapyroxad	0.01	LC	Mepronil	0.01	GC
Fenarimol	0.01	LC	Folpet + Phthalimide	0.1	GC	Metaflumizone	0.01	LC
Fenazaquin	0.01	LC	Fonofos [0.05]	0.01	GC	Metalaxyl	0.01	LC
Fenazox	0.01	GC	Forchlorfenuron	0.01	LC	Metamitron*	0.01	LC
Fenbuconazole	0.01	LC	Formetanate*	0.01	LC	Metazachlor	0.01	GC
Fenbutatin-oxide	0.01	LC	Formothion*	0.01	GC	Metconazole	0.01	LC
Fenchlorphos	0.01	GC	Fosthiazate	0.01	LC	Methacrifos [0.05]	0.01	GC
+ Fenchlorphos-oxon [0.1]		LC	Fuberidazole	0.01	LC	Methamidophos [0.05]	0.01	LC
Fenfuram	0.01	LC	Furalaxyl	0.01	LC	Methidathion [0.2]	0.01	GC
Fenhexamid	0.01	LC	Furathiocarb	0.01	LC	Methiocarb (Methiocarb + Methiocarb-sulfoxide* + Methiocarb-sulphone*)		
Fenitrothion [0.5]	0.01	GC	Halfenprox*	0.01	GC	Methomyl	0.01	LC
Fenobucarb*	0.01	GC	Halosulfuron-methyl*	0.01	LC	Methoprotryne	0.01	LC
Fenoxycarb	0.01	LC	Haloxypfop	0.01	LC	Methoxychlor [0.05]	0.1	GC
Fenpiclonil	0.01	GC	Haloxypfop-ethoxyethyl	0.01	LC	Methoxyfenozide	0.01	LC
Fenpropathrin [0.03]	0.01	GC	Haloxypfop-methyl	0.01	LC	Metolachlor	0.01	LC
Fenpropidin	0.01	LC	Heptachlor [0.05] (Heptachlor + cis-Heptachlor-epoxide + trans-Heptachlor-epoxide)	0.01	GC	Metolcarb	0.01	LC
Fenpropimorph*	0.01	LC	Heptenophos*	0.01	LC	Metominostrobin	0.01	GC
Fenpyrazamine	0.01	LC	Hexachlorobenzene [0.1]	0.01	GC	Metosulam	0.01	LC
Fenpyroximate	0.01	LC	Hexachlorocyclohexane [0.03] (α -HCH + β -HCH + δ -HCH + ϵ -HCH)	0.01	GC	Metrafenone	0.01	GC
Fenson	0.01	GC	Hexaconazole	0.01	LC	Metribuzin	0.01	LC
Fensulfothion [0.05] (Fensulfothion + Fensulfothion-oxon + Fensulfothion-oxonsulfon + Fensulfothion-sulfon)	0.01	LC	Hexaflumuron	0.01	LC	Metsulfuron-methyl	0.01	LC
Fenthion [0.05] (Fenthion + Fenthion-oxon + Fenthion-oxon-sulfoxide + Fenthion-sulfon + Fenthion-oxon-sulfon + Fenthion-sulfoxide)	0.01	GC/LC	Hexythiazox	0.01	LC	Mevinphos (E- + Z-)	0.01	LC
Fenvalerate* [1.5]	0.01	GC	Imazalil	0.01	LC	Mirex [0.01]	0.01	GC
Fipronil	0.01	LC	Imazaquin	0.01	LC	Molinate	0.01	LC
Flazasulfuron*	0.01	LC	Imibenconazole	0.01	GC	Monocrotophos [0.1]	0.01	LC
Fonicamid	0.01	GC	Imicyafos	0.01	LC	Morpholin	0.01	LC
Fluacrypyrim	0.01	LC	Imidacloprid	0.01	LC	Morphothion	0.01	LC
Fluazifop	0.01	LC	Indoxacarb	0.01	GC	Myclobutanil	0.01	LC
			Iprobenfos	0.01	LC	Naphthylacetamide (1-NAD)	0.01	LC
			Iprodione	0.01	GC	Neburon	0.01	LC
			Iprovalicarb	0.01	LC	Nicosulfuron	0.01	LC
			Isazofos	0.01	LC	Nitenpyram	0.01	LC
						Nitrofen	0.01	GC

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Nitrothal-isopropyl	0.01	GC	Prothioconazole	0.01	LC	Tetrahydroptalimide (cis-1,2,3,6-)	0.01	GC
Novaluron	0.01	LC	Prothioconazole-desthio	0.01	LC	Tetramethrin	0.01	GC
Nuarimol	0.01	LC	Prothiofos [0.05]	0.01	GC	Tetrasul	0.01	GC
Ofurace	0.01	LC	Pymetrozine	0.01	LC	Thiabendazole	0.01	LC
Phenylphenol (2-)	0.1	GC	Pyraclufos	0.01	LC	Thiacloprid	0.01	LC
Oxadixyl	0.01	LC	Pyraclostrobin	0.01	LC	Thiamethoxam	0.01	LC
Oxamyl	0.01	LC	Pyrazophos	0.01	GC	Thifensulfuron	0.01	LC
Oxydemeton-methyl + Demeton-S-methylsulfon	0.01	LC	Pyrethrins [2] (Pyrethrin I+II + Cinerin I+II + Jasmolin I+II)	0.5	GC	Thiocyclam	0.01	GC
Oxyfluorfen	0.01	GC	Pyribencarb	0.01	LC	Thiodicarb*	0.01	LC
Paclobutrazol	0.01	LC	Pyridaben	0.01	LC	Thiofanox-sulfoxide	0.01	LC
Parathion-ethyl + Paraoxon-ethyl [0.5]	0.01	GC LC	Pyridalyl	0.01	LC	Thiofanox-sulfone	0.01	LC
Parathion-methyl + Paraoxon-methyl [0.2]	0.01	GC LC	Pyridaphenthion	0.01	LC	Thiometon	0.01	GC
Penconazole	0.01	GC	Pyridate	0.01	LC	Thiophanate-ethyl	0.01	LC
Pencycuron	0.01	LC	Pyrifenox	0.01	LC	Thiophanate-methyl*	0.01	LC
Pendimethalin [0.1]	0.01	LC	Pyrimethanil	0.01	GC	Tolclofos-methyl	0.01	GC
Pentachloroanisole [0.01]	0.01	GC	Pyrimidifen	0.01	GC	Tolfenpyrad	0.01	GC
Pentachlorobenzene	0.01	GC	Pyriproxyfen	0.01	LC	Tolyfluanid	0.01	GC
Penthiopyrad	0.01	LC	Quinalphos [0.05]	0.01	GC	Tralkoxydim*	0.01	LC
Permethrin + isomers [1]	0.01	GC	Quinmerac	0.01	LC	Tralomethrin	0.01	GC
Phenthoate	0.01	LC	Quinoxifen	0.01	GC	Triadimenol + Triadimefon	0.01	LC
Phorate	0.01	GC	Quintozene [1] (Quintozene + Pentachloroaniline + Methyl-pentachlor-phenyl sulfide)	0.01	GC	Tri-allate	0.01	GC
Phorate-sulfoxide	0.01	LC	Quizalofop-ethyl	0.01	LC	Trichlamide	0.01	GC
Phorate-sulfone	0.01	LC	Quizalofop-P	0.01	LC	Triasulfuron	0.01	LC
Phosalone [0.1]	0.01	GC	Resmethrin	0.01	LC	Triazophos	0.01	LC
Phosmet [0.05]	0.01	GC	Rotenone*	0.01	LC	Trichlorfon	0.01	LC
Phosphamidon	0.01	GC	S-421 [0.02]	0.01	GC	Trichloronate	0.01	GC
Phoxim	0.01	LC	Sethoxydim*	0.01	LC	Tricyclazole	0.01	LC
Picoxystrobin	0.01	LC	Silafluofen	0.01	GC	Tridemorph	0.01	LC
Piperonyl butoxide [2]	0.01	LC	Spinetoram	0.01	LC	Trifloxystrobin	0.01	LC
Pirimicarb	0.01	LC	Spinosad	0.01	LC	Triflumizole*	0.01	LC
Pirimicarb-desmethyl	0.01	LC	Spirodiclofen	0.01	GC	Triflurmon	0.01	LC
Pirimiphos-ethyl [0.05]	0.01	GC	Spiromesifen	0.01	GC	Trifluralin	0.01	GC
Pirimiphos-methyl	0.01	GC	Spirotetramat	0.01	LC	Triforine	0.01	LC
Pirimiphos-methyl + N-des-ethyl-pirimiphos-methyl [4]	0.1	GC	Spiroxamine	0.01	LC	Trimethacarb	0.01	LC
Prochloraz	0.01	LC	Sulfallate	0.01	GC	Triticonazole	0.01	LC
Procymidone [0.1]	0.01	GC	Sulfosulfuron*	0.01	LC	Tritosulfuron*	0.01	LC
Profenofos [0.1]	0.01	GC	Sulfotep	0.01	GC	Valifenalate	0.01	LC
Promecarb	0.01	LC	Sulfoxaflor	0.01	LC	Vamidothion	0.01	LC
Propamocarb	0.01	LC	Tebuconazole	0.01	LC	Vinclozolin [0.4]	0.01	GC
Propanil	0.01	LC	Tebufenozide	0.01	LC	Zoxamide	0.01	LC
Propargite	0.01	GC	Tebufenpyrad	0.01	LC			
Propetamphos	0.01	LC	Tecnazene [0.05]	0.01	GC			
Propham	0.01	GC	Teflubenzuron	0.01	LC			
Propiconazole	0.01	LC	Tefluthrin	0.01	GC			
Propoxur	0.01	LC	Terbufos	0.01	GC			
Propyzamide	0.01	LC	Terbutylazin	0.01	LC			
Proquinazid	0.01	LC	Tetrachlorvinphos	0.01	GC			
Prosulfocarb	0.01	LC	Tetraconazole	0.01	LC			
Prosulfuron*	0.01	LC	Tetradifon [0.3]	0.01	GC			

1) Methoden/Methods

GC: GC-MS/MS

LC: LC-MS/MS

Bei Substanzgruppen beziehen sich die Bestimmungsgrenzen (LoQ) auf die einzelnen Substanzen (Ausnahme: Pyrethrins).

For substance groups, the limits of quantification (LoQ) refer to the individual substances (except: Pyrethrins).

*Es handelt sich um instabile Substanzen deren Quantifizierung mit einer höheren Messunsicherheit verbunden ist.

*These are unstable substances whose quantification is associated with a higher measurement uncertainty.