list of active substances, all products (matrices)

number of validated active substances according to SANCO/12571/2013 in multi residue method (MRM): 500

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
multi residue method (MRM)									
2,4,5-T (F)		herbicide	LC-MS/MS ESI-	**0,01**					
2,4,5-TP (fenoprop)		herbicide	LC-MS/MS ESI-	**0,01**					
2,4,6-trichlorophenol	metabolit		GC-MS/MS	**0,01**					
2,4-D (sum of 2,4-D and its esters express		herbicide	LC-MS/MS ESI-	**0,01**	**0,01**				
2,4-DB		herbicide	LC-MS/MS ESI-	**0,01**					
2-phenylphenol	aromatic hydrocarbon	fungicide	GC-MS EI SIM	**0,01**					
2-phenylphenol	aromatic hydrocarbon	fungicide	GC-MS/MS		**0,05**	**0,05**			*0,05*
3,4,5-Trimethacarb	carbamate	herbicide	LC-MS/MS ESI+						*0,01*
3-hydroxycarbofuran	metabolit	fungicide	LC-MS/MS ESI+	**0,001**	**0,001**		**0,01**		
acephate	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
acetamiprid	neonicotinoide	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
acetochlor	chloroacetamide	herbicide	GC-MS/MS	**0,01**					
acibenzolar-S-methyl			LC-MS/MS ESI+						*0,05*
aclonifen	diphenyl ether	herbicide	GC-MS NCI						*0,01*
aclonifen	diphenyl ether	herbicide	GC-MS/MS	**0,01**					
acrinathrin (F)	pyrethroid	insecticide, acaricide	GC-MS NCI						*0,01*
acrinathrin (F)	pyrethroid	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
alachlor	chloroacetamide	herbicide	GC-MS/MS						*0,01*
alanycarb			LC-MS/MS ESI+						*0,01*
aldicarb	carbamate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
aldicarb-sulfone	carbamate	metabolite	LC-MS/MS ESI+	**0,01**					
aldicarb-sulfoxide	carbamate	metabolite	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
aldrin	organochlorine	insecticide	GC-MS NCI						*0,01*

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
aldrin	organochlorine	insecticide	GC-MS/MS	**0,01**			**0,01**	**0,01**	
ametryn	triazine	herbicide	LC-MS/MS ESI+	**0,01**					
amitraz	amidin	insecticide, acaricide	LC-MS/MS ESI+						
atrazine (F)	triazine	herbicide	GC-MS/MS	**0,01**					
atrazine, desethyl-	triazine	metabolite	LC-MS/MS ESI+						*0,01*
azamethiphos	organophosphate	insecticide	LC-MS/MS ESI+						*0,01*
azinphos-ethyl (F)	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**			**0,01**		
azinphos-methyl (F)	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
azoxystrobin	strobilurin type	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
azoxystrobin	strobilurin type	fungicide	GC-MS NCI						*0,01*
beflubutamid	--		LC-MS/MS ESI-						
benalaxyl	phenylamide	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
bendiocarb	carbamate	insecticide	LC-MS/MS ESI+	**0,01**					
benfluralin (F)	dinitroaniline	herbicide	GC-MS/MS	**0,01**					
benfuracarb	carbamate	insecticide	LC-MS/MS ESI+	**0,001**					
benomyl	benzimidazole	fungicide	LC-MS/MS ESI+	**0,01**					
bensulfuron-methyl	sulfonylurea	herbicide	LC-MS/MS ESI+						*0,01*
bentazone		herbicide	LC-MS/MS ESI-	**0,01**					
benthiavalicarb-isopropyl	carbamate	fungicide	LC-MS/MS ESI+	**0,01**					
bifenazate	--	acaricide	GC-MS/MS	**0,01**					
bifenox (F)	diphenyl ether	herbicide	GC-MS NCI						*0,01*
bifenox (F)	diphenyl ether	herbicide	GC-MS/MS	**0,01**					
bifenthrin (F)	pyrethroid	insecticide, acaricide	GC-MS NCI						*0,01*
bifenthrin (F)	pyrethroid	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
bioallethrine	pyrethroid		GC-MS/MS						*0,05*
biphenyl	aromatic hydrocarbon	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
biphenyl	aromatic hydrocarbon	fungicide	GC-MS EI SIM						*0,01*

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
bitertanol (F)	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
bixafen			LC-MS/MS ESI-						
boscalid	pyridinecarboxamide	fungicide	GC-MS NCI						*0,01*
boscalid	pyridinecarboxamide	fungicide	GC-MS/MS	**0,01**	**0,01**				
bromacil	uracil	herbicide	GC-MS NCI						*0,01*
bromacil	uracil	herbicide	GC-MS/MS						*0,01*
bromocyclen	organochlorine	insecticide, acaricide	GC-MS/MS						*0,01*
bromophos-ethyl	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
bromophos-ethyl	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
bromophos-methyl	organophosphate	insecticide	GC-MS NCI						*0,01*
bromophos-methyl	organophosphate	insecticide	GC-MS/MS	**0,01**			**0,01**		
bromopropylate (F)	benzilate	acaricide	GC-MS NCI						*0,01*
bromopropylate (F)	benzilate	acaricide	GC-MS/MS	**0,01**	**0,01**				
bromoxynil		herbicide	LC-MS/MS ESI-	**0,01**					
bromuconazole (sum of diasteroisomers)	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**				
bromuconazole (sum of diasteroisomers)	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
bupirimate	aminopyrimidinol	fungicide	GC-MS NCI						*0,01*
bupirimate	aminopyrimidinol	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
buprofezin (F)	--	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
butocarboxim		insecticide	LC-MS/MS ESI+						*0,01*
butocarboxim sulfoxide		insecticide	LC-MS/MS ESI+						*0,01*
butoxycarboxim		insecticide, acaricide	LC-MS/MS ESI+						*0,01*
cadusafos	organophosphate	insecticide, nematicide	GC-MS/MS	**0,01**					
captan	phthalimide	fungicide	GC-MS NCI	**0,01**					
captan	phthalimide	fungicide	GC-MS/MS			**0,02**			*0,02*
carbaryl (F)	carbamate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
carbendazim	benzimidazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
carbetamide	carbamate	herbicide	LC-MS/MS ESI+	**0,01**					
carbofuran		fungicide	LC-MS/MS ESI+	**0,001**	**0,001**				
carbophenothion	--		GC-MS/MS						*0,01*
carbosulfan		insecticide	LC-MS/MS ESI+	**0,001**					
carboxin	oxathiincarboxamide	fungicide	GC-MS/MS	**0,01**					
carfentrazone	triazolinone	herbicide	LC-MS/MS ESI+						
cekafix	--		GC-MS/MS						*0,1*
chinomethionat	--	insecticide, acaricide	GC-MS NCI						*0,01*
chinomethionat	--	insecticide, acaricide	GC-MS/MS						*0,01*
chlorantraniliprole (DPX E-2Y45) (F)		insecticide	LC-MS/MS ESI-	**0,01**					
chlordane, cis	organochlorine	insecticide	GC-MS NCI						*0,01*
chlordane, cis	organochlorine	insecticide	GC-MS/MS	**0,01**				**0,01**	
chlordane, trans	organochlorine	insecticide	GC-MS/MS	**0,01**				**0,01**	
chlordimeform			GC-MS/MS						
chlorfenapyr	arylpyrrole	insecticide, acaricide	GC-MS NCI						*0,01*
chlorfenapyr	arylpyrrole	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
chlorfenson (F)	--	acaricide	GC-MS NCI						*0,01*
chlorfenson (F)	--	acaricide	GC-MS/MS						*0,01*
chlorfenvinphos (F)	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
chlorfenvinphos (F)	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**			**0,01**		
chloridazon	pyridazinone	herbicide	LC-MS/MS ESI+	**0,01**					
chlorobenzilate (F)	--	acaricide	GC-MS/MS						*0,01*
chlorothalonil ®	organochlorine	fungicide	GC-MS/MS	**0,01**		**0,05**	**0,05**		
chlorothalonil ®	organochlorine	fungicide	GC-MS NCI						*0,05*
chlorotoluron	phenylurea	herbicide	LC-MS/MS ESI+	**0,01**					
chlorpropham	carbamate	herbicide, plant growth re	GC-MS EI SIM						*0,01*
chlorpropham	carbamate	herbicide, plant growth re	GC-MS/MS	**0,01**	**0,01**		**0,01**		

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
chlorpyrifos (F)	organophosphate	insecticide	GC-MS NCI						*0,01*
chlorpyrifos (F)	organophosphate	insecticide	GC-MS/MS	**0,01**		**0,01**	**0,01**	**0,01**	
chlorpyrifos-methyl (F)	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
chlorpyrifos-methyl (F)	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**		**0,01**	
chlorsulfuron	sulfonylurea	herbicide	LC-MS/MS ESI+						*0,01*
chlorthal-dimethyl	benzenedicarboxylic acid	herbicide	GC-MS NCI						*0,01*
chlorthal-dimethyl	benzenedicarboxylic acid	herbicide	GC-MS/MS	**0,01**					
chlorthion	--	insecticide	GC-MS/MS						*0,01*
chlozolinate	--	fungicide	GC-MS NCI						*0,01*
chlozolinate	--	fungicide	GC-MS/MS						*0,01*
cinidon-ethyl (sum of cinidon ethyl and it	phthalimide	herbicide	LC-MS/MS ESI+						
cinosulfuron	sulfonylurea	herbicide	LC-MS/MS ESI+						*0,01*
clethodim		herbicide	LC-MS/MS ESI-						
climbazole	--	fungicide	GC-MS/MS						*0,03*
clodinafop free acid			LC-MS/MS ESI+						
clodinafop-propargylester	--	herbicide	LC-MS/MS ESI+						*0,01*
clofentezine		acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
clomazone	isoxazolidinone	herbicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
clopyralid			LC-MS/MS ESI+						
cloquintocet-1-mexyl	--	herbicide	GC-MS/MS						*0,01*
clothianidin	neonicotinoide	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
coumaphos	organophosphate	insecticide	GC-MS NCI						*0,01*
coumaphos	organophosphate	insecticide	GC-MS/MS	**0,01**					
cyanazin	triazine	herbicide	LC-MS/MS ESI+						*0,01*
cyanofenphos	organophosphate	insecticide	GC-MS NCI						*0,01*
cyanofenphos	organophosphate	insecticide	GC-MS/MS						*0,01*
cyazofamid	--	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
cyclanilide (F)	--		LC-MS/MS ESI-						*0,01*
cycloxydim		herbicide	LC-MS/MS ESI+						*0,01*
cyflufenamid	phenylacetamide	fungicide	GC-MS/MS	**0,01**					
cyflufenamid	phenylacetamide	fungicide	LC-MS/MS ESI-	**0,01**					
cyfluthrin (cyfluthrin including other mixt	pyrethroid	insecticide	GC-MS NCI						*0,01*
cyfluthrin (cyfluthrin including other mixt	pyrethroid	insecticide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
cymiazol	--	acaricide, ixodicide	GC-MS/MS						*0,01*
cymoxanil	cyanoacetamide oxime	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
cypermethrin (cypermethrin including oth	pyrethroid	insecticide	GC-MS/MS	**0,01**		**0,01**	**0,01**		
cypermethrin (cypermethrin including oth	pyrethroid	insecticide	GC-MS NCI						*0,01*
cyphenothrine	pyrethroid	insecticide	GC-MS/MS						*0,05*
cyproconazole (F)	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
cyproconazole (F)	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
cyprodinil	anilinopyrimidine	fungicide	GC-MS/MS	**0,01**	**0,01**				
cyromazine	--	insecticide	LC-MS/MS ESI+	**0,01**					
DDD, o,p-	organochlorine	insecticide	GC-MS NCI						*0,01*
DDD, o,p-	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**		**0,01**	
DDD, p,p-	organochlorine	insecticide	GC-MS NCI						*0,01*
DDD, p,p-	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**		**0,01**	
DDE, o,p-	organochlorine	insecticide	GC-MS NCI						*0,01*
DDE, o,p-	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**		**0,01**	
DDE, p,p-	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**		**0,01**	
DDE, p,p-	organochlorine	insecticide	GC-MS NCI						*0,01*
DDT, o,p-	organochlorine	insecticide	GC-MS NCI						*0,01*
DDT, o,p-	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**		**0,01**	
DDT, p,p-	organochlorine	insecticide	GC-MS NCI						*0,01*
DDT, p,p-	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**		**0,01**	

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
deltamethrin (cis-deltamethrin) (F)	pyrethroid	insecticide	GC-MS NCI						*0,01*
deltamethrin (cis-deltamethrin) (F)	pyrethroid	insecticide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**	**0,01**	
demeton-S-methyl	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**					
demeton-S-methylsulfone	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
desmedipham		herbicide	LC-MS/MS ESI+						
desmetryn	--	herbicide	GC-MS/MS						*0,01*
diafenthiuron	--		LC-MS/MS ESI+						*0,01*
dialifos	--	insecticide, acaricide	GC-MS/MS						*0,01*
diazinon (F)	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
diazinon (F)	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**	**0,01**	
dicamba		herbicide	LC-MS/MS ESI-	**0,05**					
dichlobenil	benzonitrile	herbicide	GC-MS NCI						*0,03*
dichlobenil	benzonitrile	herbicide	GC-MS/MS						*0,03*
dichlofenthion	organophosphate	insecticide, nematicide	GC-MS NCI						*0,01*
dichlofenthion	organophosphate	insecticide, nematicide	GC-MS/MS						*0,01*
dichlofluanid	sulfamide	fungicide	GC-MS/MS	**0,01**			**0,01**		
dichlofluanid	sulfamide	fungicide	GC-MS NCI						*0,03*
dichlorprop			LC-MS/MS ESI-	**0,01**					
dichlorvos	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
dichlorvos	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
diclobutazol	triazole	fungicide	LC-MS/MS ESI+						*0,01*
dicloran	organochlorine	fungicide	GC-MS NCI						*0,01*
dicloran	organochlorine	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
dicofol	organochlorine	acaricide	GC-MS NCI						*0,01*
dicofol	organochlorine	acaricide	GC-MS/MS	**0,02**					
dicofol, o,p'-	organochlorine	acaricide	GC-MS/MS	**0,02**					
dicrotophos	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
dieldrin	organochlorine	insecticide	GC-MS NCI						*0,01*
dieldrin	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**	**0,01**	**0,01**	
diethofencarb	carbamate	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
diethyl-m-tolylamid (DEET)	--	repellent	GC-MS/MS	**0,01**					
difenoconazole	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
difenoconazole	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
diflubenzuron (F) ®		insecticide	LC-MS/MS ESI-	**0,01**	**0,01**				
diflufenican	pyridinecarboxamide	herbicide	GC-MS NCI						*0,01*
diflufenican	pyridinecarboxamide	herbicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
dikegulac	--	plant growth regulator	LC-MS/MS ESI+	**0,01**					
dimethachlor	chloroacetamide	herbicide	LC-MS/MS ESI+	**0,01**					
Dimethenamid	chloroacetamide	herbicide	GC-MS/MS	**0,01**					
dimethoate	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
dimethomorph		fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
dimoxystrobin	strobilurin type	fungicide	GC-MS/MS	**0,01**					
diniconazole	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
diniconazole	triazole	fungicide	GC-MS NCI						*0,01*
dinocap	dinitrophenyl crotonate	fungicide, acaricide	LC-MS/MS ESI-	**0,01**					
dinotefuran	neonicotinoide	insecticide	LC-MS/MS ESI+	**0,01**					
dioxathion	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,05**			**0,05**		
diphenylamine	--	fungicide	GC-MS/MS	**0,01**					
disulfoton	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
disulfoton	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**					
disulfoton-sulfone	organophosphate	metabolite	LC-MS/MS ESI+	**0,01**					
disulfoton-sulfoxide	organophosphate	metabolite	LC-MS/MS ESI+	**0,01**					
ditalimfos	organophosphate	fungicide	GC-MS NCI						*0,01*
ditalimfos	organophosphate	fungicide	GC-MS/MS						*0,01*

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
dithianon			LC-MS/MS ESI-						*0,01*
diuron	phenylurea	herbicide	LC-MS/MS ESI+	**0,01**	**0,01**				
DMST	metabolit		GC-MS/MS	**0,01**					
DNOC	dinitrophenol	insecticide, acaricide, her	LC-MS/MS ESI-	**0,01**					
dodine	guanidine	fungicide	LC-MS/MS ESI+	**0,05**					
emamectin		insecticide	LC-MS/MS ESI+	**0,01**					
endosulfane sulfate	organochlorine	insecticide, acaricide	GC-MS NCI						*0,01*
endosulfane sulfate	organochlorine	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**	**0,01**	
endosulfane, alpha-	organochlorine	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**	**0,01**	
endosulfane, alpha-	organochlorine	insecticide, acaricide	GC-MS NCI						*0,01*
endosulfane, beta-	organochlorine	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**	**0,01**	
endosulfane, beta-	organochlorine	insecticide, acaricide	GC-MS NCI						*0,01*
endrin (F)	organochlorine	insecticide	GC-MS NCI						*0,01*
endrin (F)	organochlorine	insecticide	GC-MS/MS	**0,01**				**0,01**	
EPN	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**					
epoxiconazole (F)	azole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
etaconazole	triazole	fungicide	GC-MS/MS	**0,01**					
ethiofencarb	carbamate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
ethion	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
ethion	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**			**0,01**		
ethirimol	--	fungicide	LC-MS/MS ESI+	**0,01**					
ethofumesate		herbicide	LC-MS/MS ESI+	**0,01**					
ethoprophos	organophosphate	insecticide, nematicide	GC-MS NCI						*0,01*
ethoprophos	organophosphate	insecticide, nematicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
ethoxyquin (F)	--	fungicide	GC-MS/MS	**0,01**					
ethoxyquin (F)	--	fungicide	LC-MS/MS ESI+	**0,01**					
etofenprox (F)	pyrethroid	insecticide	GC-MS/MS	**0,01**	**0,01**		**0,01**		

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
etofenprox (F)	pyrethroid	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
etoxazole	--	acaricide	LC-MS/MS ESI+	**0,01**					
etridiazole	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
etrimfos	organophosphate	insecticide	LC-MS/MS ESI+						*0,01*
famoxadone	strobilurin type	fungicide	GC-MS/MS	**0,01**	**0,01**				
famoxadone	strobilurin type	fungicide	GC-MS NCI						*0,01*
fenamidone	imidazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
fenamiphos	organophosphate	nematicide	LC-MS/MS ESI+	**0,01**					
fenamiphos-sulfone	--	metabolite	GC-MS/MS	**0,01**	**0,01**				
fenamiphos-sulfoxide	--	metabolite	LC-MS/MS ESI+	**0,01**			**0,01**		
fenarimol	pyrimidine	fungicide	GC-MS NCI						*0,01*
fenarimol	pyrimidine	fungicide	GC-MS/MS	**0,01**	**0,01**				
fenazaquin	--	acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
fenbuconazole	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
fenbutatin oxide (F)	organotin	acaricide	LC-MS/MS ESI+	**0,05**					
fenhexamid	hydroxyanilide	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
fenhexamid	hydroxyanilide	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
fenhexamid	hydroxyanilide	fungicide	GC-MS NCI						*0,01*
fenitrothion	organophosphate	fungicide	GC-MS NCI						*0,01*
fenitrothion	organophosphate	fungicide	GC-MS/MS		**0,01**	**0,01**	**0,01**		*0,01*
fenoxycarb	carbamate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
fenpropathrin	pyrethroid	insecticide, acaricide	GC-MS NCI						*0,01*
fenpropathrin	pyrethroid	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
fenpropidin ®	piperidine	fungicide	LC-MS/MS ESI+	**0,01**					
fenpropimorph ®		fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
fenpyroximate (F)		acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
fenson	--	acaricide	GC-MS/MS	**0,01**			**0,01**		

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
fensulfothion	--	nematicide	GC-MS/MS						*0,01*
fenthion	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**	**0,01**	
fenthion-oxon	--	metabolite	GC-MS/MS	**0,01**					
fenthion-sulfon	--	metabolite	GC-MS NCI						*0,01*
fenthion-sulfon	--	metabolite	GC-MS/MS	**0,01**	**0,01**		**0,01**		
fenthion-sulfoxide	--	metabolite	LC-MS/MS ESI+	**0,01**					
fenvalerate and Esfenvalerate (Sum of RR	pyrethroid	insecticide	GC-MS NCI						*0,01*
fenvalerate and Esfenvalerate (Sum of RR	pyrethroid	insecticide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
fenvalerate and Esfenvalerate (Sum of RS	pyrethroid	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
fenvalerate and Esfenvalerate (Sum of RS	pyrethroid	insecticide, acaricide	GC-MS NCI						*0,01*
fipronil	phenylpyrazole	insecticide	GC-MS NCI						*0,01*
fipronil	phenylpyrazole	insecticide	GC-MS/MS		**0,01**		**0,01**		*0,01*
fipronil	phenylpyrazole	insecticide	LC-MS/MS ESI-	**0,005**	**0,005**		**0,005**		
fipronil, desulfinyl-	--	metabolite	LC-MS/MS ESI-						*0,01*
fipronil-sulfide	--	metabolite	LC-MS/MS ESI-						*0,01*
fipronil-sulfone	--	metabolite	LC-MS/MS ESI-	**0,005**					
flonicamid		insecticide	LC-MS/MS ESI-	**0,01**	**0,01**		**0,01**		
florasulam		herbicide	LC-MS/MS ESI+						
fluazifop	aryloxyphenoxypropionate	herbicide	LC-MS/MS ESI-	**0,01**	**0,01**				
fluazifop-P-butyl	aryloxyphenoxypropionate	herbicide	GC-MS/MS	**0,01**					
fluazinam (F)	dinitroaniline	fungicide	LC-MS/MS ESI-	**0,01**					
flubendiamide (F)	diamide	insecticide	LC-MS/MS ESI+	**0,01**					
flucythrinate (F) ®	pyrethroid	insecticide	GC-MS NCI						*0,01*
flucythrinate (F) ®	pyrethroid	insecticide	GC-MS/MS	**0,01**					
fludioxonil	phenylpyrrole	fungicide	LC-MS/MS ESI-	**0,01**	**0,01**				
flufenacete	strobilurin type	herbicide	LC-MS/MS ESI+	**0,01**					
flufenoxuron (F)		insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
flumioxazine	--	herbicide	GC-MS/MS	**0,01**					
fluopicolide	benzamide	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
fluopyram	pyridinylethylbenzamide	fungicide	GC-MS/MS	**0,01**					
fluoxastrobin	--		LC-MS/MS ESI+						
flupyrsulfuron-methyl	sulfonylurea		LC-MS/MS ESI+						
fluquinconazole (F)	triazole	fungicide	GC-MS NCI						*0,01*
fluquinconazole (F)	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**				
flurochloridone	--	herbicide	LC-MS/MS ESI+	**0,01**					
fluroxypyr		herbicide	LC-MS/MS ESI-	**0,01**					
flurtamone	--	herbicide	GC-MS/MS						
flurtamone	--	herbicide	LC-MS/MS ESI-						
flusilazole (F) ®	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
flutolanil		fungicide	LC-MS/MS ESI+	**0,01**					
flutriafol	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**				
flutriafol	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
fluxapyroxad			LC-MS/MS ESI-						
folpet	phthalimide	fungicide	GC-MS NCI	**0,01**					
folpet	phthalimide	fungicide	GC-MS/MS			**0,02**			*0,02*
fonofos	organophosphate	insecticide	GC-MS/MS						*0,01*
fonofos	organophosphate	insecticide	LC-MS/MS ESI+						*0,01*
fonofos	organophosphate	insecticide	GC-MS NCI						*0,01*
formetanate: Sum of formetanate and its	carbamate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
formothion	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
formothion	organophosphate	insecticide, acaricide	GC-MS/MS						*0,01*
fosethyl	--		LC-MS/MS ESI+						*0,01*
fosthiazate	organophosphate	nematicide	LC-MS/MS ESI+	**0,01**	**0,01**				
fuberidazole	benzimidazole	fungicide	LC-MS/MS ESI+	**0,01**					

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
furathiocarb	carbamate	insecticide	LC-MS/MS ESI+	**0,001**					
haloxyfop	aryloxyphenoxypropionate	herbicide	LC-MS/MS ESI-	**0,01**	**0,01**				
haloxyfop-ethoxyethyl	aryloxyphenoxypropionate	herbicide	GC-MS/MS						
haloxyfop-methyl	aryloxyphenoxypropionate	herbicide	GC-MS/MS	**0,01**					
heptachlor	organochlorine	insecticide	GC-MS NCI						*0,01*
heptachlor	organochlorine	insecticide	GC-MS/MS	**0,01**				**0,01**	
heptachlor-endo-epoxide, trans-	--	metabolite	GC-MS/MS	**0,01**				**0,01**	
heptachlorepoxid, cis-	--	metabolite	GC-MS/MS	**0,01**				**0,01**	
heptachlorepoxid, cis-	--	metabolite	GC-MS NCI						*0,01*
heptenophos	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**					
hexabromobenzene	organochlorine		GC-MS/MS						*0,01*
hexachlorobenzene (F)	organochlorine	fungicide	GC-MS/MS	**0,01**		**0,01**		**0,01**	
hexachlorobenzene (F)	organochlorine	fungicide	GC-MS NCI						*0,01*
hexachlorociclohexane (HCH), alpha-iso	organochlorine	insecticide	GC-MS NCI						*0,01*
hexachlorociclohexane (HCH), alpha-iso	organochlorine	insecticide	GC-MS/MS	**0,01**				**0,01**	
hexachlorociclohexane (HCH), beta-isom	organochlorine	insecticide	GC-MS NCI						*0,01*
hexachlorociclohexane (HCH), beta-isom	organochlorine	insecticide	GC-MS/MS	**0,01**				**0,01**	
hexachlorociclohexane (HCH), delta-isom	organochlorine	insecticide	GC-MS NCI						*0,01*
hexachlorociclohexane (HCH), delta-isom	organochlorine	insecticide	GC-MS/MS	**0,01**					
hexaconazole	triazole	fungicide	GC-MS NCI						*0,01*
hexaconazole	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
hexaflumuron		insecticide	LC-MS/MS ESI-	**0,01**					
hexazinon	triazine	herbicide	LC-MS/MS ESI+	**0,01**					
hexythiazox	--	acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
imazalil	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
imazaquin	imidazole	herbicide	LC-MS/MS ESI+						*0,01*
imazosulfuron	sulfonylurea	fungicide	LC-MS/MS ESI-						*0,01*

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
imidacloprid	neonicotinoide	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
indoxacarb as sum of the isomers S and	oxadiazine	insecticide	GC-MS NCI						*0,01*
indoxacarb as sum of the isomers S and	oxadiazine	insecticide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
iodofenphos	--	insecticide, acaricide, ixod	GC-MS/MS						*0,01*
iodosulfuron-methyl	sulfonylurea	herbicide	LC-MS/MS ESI+						
ioxynil		herbicide	LC-MS/MS ESI-	**0,01**					
iprobenfos	phosphorothiolate	fungicide	GC-MS/MS	**0,01**					
iprodione ®	dicarboximide	fungicide	GC-MS NCI						*0,01*
iprodione ®	dicarboximide	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
iprovalicarb	carbamate	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
isobenzan	--	insecticide	GC-MS/MS						*0,01*
isocarbofos	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**					
isodrin	--	insecticide	GC-MS/MS						*0,01*
isofenphos	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**					
isofenphos-methyl	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
isoprocarb	carbamate	insecticide	GC-MS/MS	**0,01**					
isoprocarb	carbamate	insecticide	LC-MS/MS ESI+	**0,01**					
isoprothiolane	dithiolane	fungicide, plant growth reg	LC-MS/MS ESI+	**0,01**					
isoproturon	phenylurea	herbicide	LC-MS/MS ESI+	**0,01**					
kresoxim-methyl (F) ®	oximinoacetat	fungicide	GC-MS NCI						*0,01*
kresoxim-methyl (F) ®	oximinoacetat	fungicide	GC-MS/MS	**0,01**			**0,01**		
lambda-Cyhalothrin (F) ®	pyrethroid	insecticide	GC-MS NCI						*0,01*
lambda-Cyhalothrin (F) ®	pyrethroid	insecticide	GC-MS/MS	**0,01**		**0,01**			
lenacil	uracil	herbicide	LC-MS/MS ESI+	**0,01**					
lindane (Gamma-isomer of hexachlorocic	organochlorine	insecticide	GC-MS/MS	**0,01**		**0,01**	**0,01**	**0,01**	
lindane (Gamma-isomer of hexachlorocic	organochlorine	insecticide	GC-MS NCI						*0,01*
linuron	phenylurea	herbicide	LC-MS/MS ESI+	**0,01**	**0,01**				

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
lufenuron(F)		insecticide, acaricide	LC-MS/MS ESI-	**0,01**	**0,01**				
malaoxon	--	metabolite	GC-MS NCI						*0,02*
malaoxon	--	metabolite	GC-MS/MS	**0,01**	**0,01**				
malaoxon	--	metabolite	LC-MS/MS ESI+	**0,01**	**0,01**				
malathion	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
malathion	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
malathion	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
mandipropamid	mandelamide	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
MCPA		herbicide	LC-MS/MS ESI-	**0,01**					
MCPA-methyl ester			GC-MS/MS						
MCPB		herbicide	LC-MS/MS ESI-	**0,01**					
mecarbam	organophosphate	insecticide	GC-MS NCI						*0,01*
mecarbam	organophosphate	insecticide	GC-MS/MS	**0,01**	**0,01**				
mecoprop		herbicide	LC-MS/MS ESI-	**0,01**	**0,01**				
mecoprop-methyl ester			GC-MS/MS						
mefenpyr-diethyl	--	herbicide safener	LC-MS/MS ESI+						
mepanipyrim	anilinopyrimidine	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
mepronil	phenylbenzamide	fungicide	LC-MS/MS ESI+	**0,01**					
meptyldinocap	dinitrophenyl crotonate	fungicide	LC-MS/MS ESI-	**0,01**					
mesosulfuron-methyl expresssed as mes			LC-MS/MS ESI+						
metaflumizone (sum of E- and Z- isomers	semicarbazone	insecticide	LC-MS/MS ESI-	**0,01**					
metalaxyl	phenylamide	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
metalaxyl	phenylamide	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
metamitron	triazinon	herbicide	LC-MS/MS ESI+	**0,01**	**0,01**				
metazachlor	chloroacetamide	herbicide	GC-MS/MS	**0,01**	**0,01**				
metconazole (F)	azole	fungicide	LC-MS/MS ESI+	**0,01**					
methabenzthiazuron		herbicide	LC-MS/MS ESI+	**0,01**					

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
methacrifos (F)	organophosphate	insecticide, acaricide	GC-MS/MS						*0,01*
methamidophos	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
methidathion	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
methidathion	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
methidathion	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
methiocarb	carbamate	insecticide, molluscocide	LC-MS/MS ESI+	**0,01**	**0,01**				
methiocarb-sulfon	--	metabolite	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
methiocarb-sulfoxid	--	metabolite	LC-MS/MS ESI+	**0,01**	**0,01**				
methomyl	carbamate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
methoxychlor (F)	organochlorine	insecticide	GC-MS/MS	**0,01**	**0,01**		**0,01**	**0,01**	
methoxyfenozide (F)		insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
metobromuron	phenylurea	herbicide	LC-MS/MS ESI+	**0,01**	**0,01**				
metolachlor	chloroacetamide	herbicide	GC-MS/MS	**0,01**					
metosulam		herbicide	LC-MS/MS ESI+	**0,01**					
metrafenone	benzophenone	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
metribuzin	triazinon	herbicide	GC-MS NCI						*0,01*
metribuzin	triazinon	herbicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
metsulfuron-methyl	sulfonylurea	herbicide	LC-MS/MS ESI+						
mevinphos (sum of E- and Z-isomers)	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
monocrotophos	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
monolinuron	phenylurea	herbicide	LC-MS/MS ESI+	**0,01**					
myclobutanyl ®	triazole	fungicide	GC-MS NCI						*0,01*
myclobutanyl ®	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**				
N-2,4-Dimethylphenyl-N'-methylformamidi			LC-MS/MS ESI+						
naled			LC-MS/MS ESI+						*0,01*
napropamide	alkanamide	herbicide	LC-MS/MS ESI+	**0,01**					
nicosulfuron	sulfonylurea	herbicide	LC-MS/MS ESI+						

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
nitenpyram		insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
nitrofen (F)	diphenyl ether	herbicide	GC-MS NCI						*0,01*
nitrofen (F)	diphenyl ether	herbicide	GC-MS/MS						*0,01*
novaluron (F)		insecticide	LC-MS/MS ESI+	**0,01**					
nuarimol (trimidal)	pyrimidine	fungicide	GC-MS NCI						*0,01*
nuarimol (trimidal)	pyrimidine	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
Omethoate	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
oxadiazon	oxadiazole	herbicide	GC-MS/MS	**0,01**					
oxadixyl	phenylamide	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
oxamyl	carbamate	insecticide, acaricide, ne	LC-MS/MS ESI+	**0,01**					
oxy-chlordane	--	metabolite	GC-MS/MS					**0,01**	*0,01*
oxy-chlordane	--	metabolite	GC-MS NCI						*0,01*
oxydemeton-methyl	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
oxyfluorfen	diphenyl ether	herbicide	GC-MS/MS	**0,01**					
paclobutrazol	triazole	plant growth regulator	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
paraoxon-ethyl	--	metabolite	LC-MS/MS ESI+						*0,01*
paraoxon-ethyl	--	metabolite	GC-MS/MS						*0,01*
paraoxon-methyl	--	metabolite	GC-MS NCI						*0,01*
paraoxon-methyl	--	metabolite	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
parathion (F)	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**		**0,01**	**0,01**	
parathion (F)	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**	**0,01**	
parathion (F)	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
parathion-methyl	organophosphate	insecticide	GC-MS NCI						*0,01*
parathion-methyl	organophosphate	insecticide	GC-MS/MS	**0,01**	**0,01**		**0,01**	**0,01**	
PCB 101	--		GC-MS NCI						*0,01*
PCB 101	--		GC-MS/MS	**0,01**		**0,01**			
PCB 118	--		GC-MS/MS	**0,01**		**0,01**			

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
PCB 138	--		GC-MS/MS	**0,01**		**0,01**			
PCB 138	--		GC-MS NCI						*0,01*
PCB 153	--		GC-MS/MS	**0,01**		**0,01**			
PCB 153	--		GC-MS NCI						*0,01*
PCB 180	--		GC-MS NCI						*0,01*
PCB 180	--		GC-MS/MS	**0,01**		**0,01**			
PCB 209	--		GC-MS NCI						*0,01*
PCB 209	--		GC-MS/MS						*0,01*
PCB 28	--		GC-MS/MS	**0,01**		**0,01**			
PCB 52	--		GC-MS/MS	**0,01**		**0,01**			
PCB 52	--		GC-MS NCI						*0,01*
penconazole (F)	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
penconazole (F)	triazole	fungicide	GC-MS NCI						*0,01*
pencycuron (F)	phenylurea	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
pendimethalin (F)	dinitroaniline	herbicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
pendimethalin (F)	dinitroaniline	herbicide	GC-MS NCI						*0,01*
penoxsulam		herbicide	LC-MS/MS ESI+						
pentachloroaniline	--	metabolite	GC-MS NCI						*0,01*
pentachloroaniline	--	metabolite	GC-MS/MS	**0,01**			**0,01**		
pentachloroanisol	--	metabolite	GC-MS NCI						*0,01*
pentachloroanisol	--	metabolite	GC-MS/MS	**0,01**					
pentachlorobenezene	--		GC-MS/MS						*0,05*
pentachlorophenol	--	insecticide	GC-MS/MS						*0,02*
permethrin (sum of isomers)	pyrethroid	insecticide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
permethrin (sum of isomers)	pyrethroid	insecticide	GC-MS NCI						*0,01*
phenmedipham		herbicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
phenothrin	pyrethroid	insecticide	GC-MS/MS	**0,01**					

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
phentoate	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
phentoate	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
phorate	organophosphate	insecticide, acaricide, ne	GC-MS/MS	**0,01**					
phorat-sulfone	--	metabolite	LC-MS/MS ESI+	**0,01**					
phorat-sulfoxide	--	metabolite	LC-MS/MS ESI+						*0,01*
phosalone	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
phosalone	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
phosmet	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
phosmet	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
phosmet oxon			GC-MS/MS						*0,01*
phosphamidon	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**					
phoxim (F)	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
phthalimide	phthalimide	metabolite	GC-MS/MS						*0,01*
picolinafen	pyridinecarboxamide	herbicide	LC-MS/MS ESI+						
picolinafen	pyridinecarboxamide	herbicide	GC-MS/MS						*0,01*
picoxystrobin (F)	strobilurin type	fungicide	GC-MS/MS	**0,01**	**0,01**				
picoxystrobin (F)	strobilurin type	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
pinoxaden	--	herbicide	LC-MS/MS ESI+						
piperonyl butoxide	synergist	synergist	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
piperonyl butoxide	synergist	synergist	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
piperonyl butoxide	synergist	synergist	GC-MS EI SIM						*0,01*
pirimicarb	carbamate	insecticide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
pirimicarb	carbamate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
pirimicarb, Desmethyl-	--	metabolite	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
pirimicarb, desmethyl formamido	--	metabolite	LC-MS/MS ESI+						*0,01*
pirimiphos-ethyl	organophosphate	insecticide	GC-MS/MS	**0,01**					
pirimiphos-methyl (F)	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**			**0,01**	

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
pirimiphos-methyl (F)	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**	**0,01**		**0,01**	
pirimiphos-methyl (F)	organophosphate	insecticide, acaricide	GC-MS EI SIM						*0,01*
Prochloraz	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
procymidone ®	dicarboximide	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**	**0,01**		
procymidone ®	dicarboximide	fungicide	GC-MS NCI						*0,01*
profenofos (F)	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
profenofos (F)	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
profluralin	--	herbicide	GC-MS/MS						*0,01*
profluralin	--	herbicide	GC-MS NCI						*0,01*
prohexadione (prohexadione (acid) and it	--		LC-MS/MS ESI-						
Promecarb	carbamate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
Prometryn	triazine	herbicide	LC-MS/MS ESI+	**0,01**					
Propachlor	chloroacetamide	herbicide	LC-MS/MS ESI+						*0,01*
Propachlor	chloroacetamide	herbicide	GC-MS/MS						*0,01*
Propamocarb (Sum of propamocarb and i	carbamate	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
propaquizafop	aryloxyphenoxypropionate	herbicide	LC-MS/MS ESI+	**0,01**					
propargite (F)	--	acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
propazine	triazine	herbicide	GC-MS/MS	**0,01**					
propham	carbamate	herbicide, plant growth re	LC-MS/MS ESI+	**0,01**					
propiconazole	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
propiconazole	triazole	fungicide	GC-MS NCI						*0,01*
propoxur	carbamate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
propoxycarbazone		herbicide	LC-MS/MS ESI+						
propyzamide (F) ®	benzamide	herbicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
propyzamide (F) ®	benzamide	herbicide	GC-MS NCI						*0,01*
proquinazid	quinazolinone	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
prosulfocarb	dithiocarbamate	herbicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
prosulfuron	sulfonylurea	herbicide	LC-MS/MS ESI-						*0,01*
prothioconazole	triazole	fungicide	LC-MS/MS ESI+	**0,01**					
prothioconazole-desthio	--	metabolite	LC-MS/MS ESI+	**0,01**					
prothiophos	organophosphate	insecticide	GC-MS/MS	**0,01**					
prothiophos	organophosphate	insecticide	GC-MS NCI						*0,01*
pymetrozine	--	insecticide	LC-MS/MS ESI+	**0,01**					
pyraclostrobin (F)	strobilurin type	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
pyraflufen-ethyl	phenylpyrazole		LC-MS/MS ESI+						
pyrazophos (F)	organophosphate	fungicide	GC-MS NCI						*0,01*
pyrazophos (F)	organophosphate	fungicide	GC-MS/MS	**0,01**				**0,01**	
pyrethrine (Pyrethrum)	pyrethroid	insecticide, acaricide	GC-MS/MS	**0,25**					
pyridaben (F)	--	insecticide, acaricide	GC-MS/MS	**0,02**					
pyridaben (F)	--	insecticide, acaricide	LC-MS/MS ESI+	**0,01**					
pyridaben (F)	--	insecticide, acaricide	GC-MS NCI						*0,02*
pyridalyl	--	insecticide	GC-MS/MS	**0,01**					
pyridaphenthion	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
pyridaphenthion	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**					
pyridaphenthion	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**					
pyrifenox	pyridine	fungicide	GC-MS NCI						*0,01*
pyrifenox	pyridine	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
pyrimethanil	anilinopyrimidine	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
pyriproxyfen (F)	--	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
pyroxsulam	sulfamide	herbicide	LC-MS/MS ESI+						
quinalphos	organophosphate	insecticide, acaricide	GC-MS/MS	**0,01**	**0,01**				
quinalphos	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
quinmerac		herbicide	LC-MS/MS ESI+	**0,01**					
quinoxyfen (F)	phthalimide	fungicide	GC-MS NCI						*0,01*

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
quinoxyfen (F)	phthalimide	fungicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
quintozene	organochlorine	fungicide	GC-MS NCI						*0,01*
quintozene	organochlorine	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
quizalofop	aryloxyphenoxypropionate	herbicide	LC-MS/MS ESI-	**0,05**					
quizalofop-ethyl	aryloxyphenoxypropionate	herbicide	GC-MS/MS						*0,01*
resmethrin (resmethrin including other m	pyrethroid	insecticide	LC-MS/MS ESI+						*0,01*
rotenone	--	insecticide, acaricide	LC-MS/MS ESI+	**0,01**					
S 421	--	insecticide	GC-MS/MS						*0,01*
silafluofen	pyrethroid, non-ester	insecticide	GC-MS/MS						*0,01*
silthiofam	--	fungicide	LC-MS/MS ESI+						
simazine	triazine	herbicide	GC-MS/MS	**0,01**					
simazine	triazine	herbicide	LC-MS/MS ESI+	**0,01**					
spinosyn A	strobilurin type	insecticide	LC-MS/MS ESI+	**0,01**					
spinosyn D	strobilurin type	insecticide	LC-MS/MS ESI+	**0,01**					
spirodiclofen (F)	tetronic acid	insecticide, acaricide	LC-MS/MS ESI+	**0,01**	**0,01**				
spiromesifen	tetronic acid	insecticide, acaricide	GC-MS/MS	**0,01**					
spiromesifen	tetronic acid	insecticide, acaricide	GC-MS NCI						*0,01*
spirotetramate	tetronic acid	insecticide	LC-MS/MS ESI+	**0,01**					
spirotetramat-enol	--	metabolite	LC-MS/MS ESI+	**0,01**					
spirotetramat-enol-glucoside	--	metabolite	LC-MS/MS ESI+	**0,01**					
spirotetramat-keto-hydroxy	--	metabolite	LC-MS/MS ESI+	**0,01**					
spirotetramat-mono-hydroxy	--	metabolite	LC-MS/MS ESI+	**0,01**					
spiroxamine ®	spiroketalamine	fungicide	GC-MS/MS	**0,01**	**0,01**				
spiroxamine ®	spiroketalamine	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
sulcotrione		herbicide	LC-MS/MS ESI+						
sulfentrazone	triazolinone	herbicide	LC-MS/MS ESI-						*0,01*
sulfosulfuron	sulfonylurea		LC-MS/MS ESI+						

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
sulfotep	organophosphate	insecticide, acaricide	LC-MS/MS ESI+	**0,01**					
tau-fluvalinate (F)	pyrethroid	insecticide, acaricide	GC-MS NCI	**0,01**					
tau-fluvalinate (F)	pyrethroid	insecticide, acaricide	GC-MS/MS						*0,02*
tebuconazole	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
tebufenozide (F)		insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
tebufenpyrad (F)	--	acaricide	GC-MS/MS	**0,01**	**0,01**				
tecnazene (F)	--	fungicide	GC-MS/MS						*0,01*
tecnazene (F)	--	fungicide	GC-MS NCI						*0,01*
teflubenzuron		insecticide	LC-MS/MS ESI-	**0,01**	**0,01**				
tefluthrin (F)	pyrethroid	insecticide	GC-MS/MS	**0,01**	**0,01**				
tefluthrin (F)	pyrethroid	insecticide	GC-MS NCI						*0,01*
terbufos	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**					
terbufos-sulfon	--	metabolite	LC-MS/MS ESI+						*0,01*
terbufos-sulfoxid	--	metabolite	LC-MS/MS ESI+						*0,01*
terbuthylazine	triazine	herbicide	GC-MS/MS	**0,01**	**0,01**				
terbuthylazine	triazine	herbicide	LC-MS/MS ESI+	**0,01**	**0,01**				
terbuthylazine, desethyl-	--	metabolite	LC-MS/MS ESI+						*0,01*
terbutryn	triazine	herbicide	LC-MS/MS ESI+	**0,01**	**0,01**				
tetrachlorvinphos	organophosphate	insecticide, acaricide	GC-MS/MS						*0,01*
tetrachlorvinphos	organophosphate	insecticide, acaricide	GC-MS NCI						*0,01*
tetraconazole (F)	triazole	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
Tetradifon	--	acaricide	GC-MS NCI						*0,01*
Tetradifon	--	acaricide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
tetrahydrophthalimid	--	metabolite	GC-MS/MS	**0,01**					
tetramethrin	pyrethroid	insecticide	GC-MS NCI						*0,01*
tetramethrin	pyrethroid	insecticide	GC-MS/MS	**0,01**					
tetrasul	--	acaricide	GC-MS/MS						*0,01*

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
TFNA (4-(trifluoromethyl)nicotinic acid)		metabolite	LC-MS/MS ESI-	**0,01**					
TFNG (N-(trifluoromethylnicotinoyl)glycin		metabolite	LC-MS/MS ESI-	**0,01**					
thiabendazole ®	benzimidazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
thiacloprid (F)	neonicotinoide	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
thiamethoxam		insecticide, fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
thifensulfuron-methyl	sulfonylurea	herbicide	LC-MS/MS ESI+						
thiocyclam			LC-MS/MS ESI+						*0,05*
thiodicarb		insecticide, molluscocide	LC-MS/MS ESI+	**0,01**	**0,01**				
thiofanox-sulfone		insecticide, acaricide	LC-MS/MS ESI+						*0,01*
thiometon	organophosphate	insecticide, acaricide	GC-MS/MS						*0,05*
thiophanate-methyl	benzimidazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
tolclofos-methyl	organophosphate	fungicide	GC-MS NCI						*0,01*
tolclofos-methyl	organophosphate	fungicide	GC-MS/MS	**0,01**			**0,01**		
tolylfluanid	phenylsulfamide	fungicide	GC-MS/MS	**0,01**	**0,03**				
tolylfluanid	phenylsulfamide	fungicide	GC-MS NCI						*0,03*
transfluthrin	pyrethroid	insecticide	GC-MS/MS						*0,01*
triadimefon	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
triadimenol	triazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
tri-allate	thiocarbamate	herbicide	LC-MS/MS ESI+	**0,03**					
triasulfuron	sulfonylurea	herbicide	LC-MS/MS ESI+						
triazamat	carbamate	insecticide	LC-MS/MS ESI+	**0,01**					
triazophos (F)	organophosphate	insecticide, acaricide, ne	LC-MS/MS ESI+	**0,01**					
triazoxid			LC-MS/MS ESI+						
tribenuron-methyl	sulfonylurea	herbicide	LC-MS/MS ESI+						
trichlorfon	organophosphate	insecticide	GC-MS/MS	**0,1**	**0,1**				
trichlorfon	organophosphate	insecticide	LC-MS/MS ESI+	**0,01**	**0,01**				
trichloronat	organophosphate	insecticide	GC-MS/MS						*0,01*

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
triclopyr		herbicide	LC-MS/MS ESI-	**0,01**					
tricyclazole	triazolobenzothiazole	fungicide	LC-MS/MS ESI+	**0,01**					
trifloxystrobin (F)	strobilurin type	fungicide	GC-MS/MS	**0,01**	**0,01**				
trifloxystrobin (F)	strobilurin type	fungicide	GC-MS NCI						*0,01*
trifloxysulfuron	sulfonylurea	herbicide	LC-MS/MS ESI+	**0,01**					
triflumizole	imidazole	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
triflumuron (F)		insecticide	LC-MS/MS ESI-	**0,05**	**0,05**				
trifluralin	dinitroaniline	herbicide	GC-MS/MS	**0,01**	**0,01**	**0,01**			
trifluralin	dinitroaniline	herbicide	GC-MS NCI						*0,01*
triticonazole	triazine	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**				
tritosulfuron	sulfonylurea	herbicide	LC-MS/MS ESI+						
vamidothion	organophosphate	insecticide, acaricide	LC-MS/MS ESI+						*0,01*
vinclozolin	dicarboximide	fungicide	GC-MS/MS	**0,01**	**0,01**		**0,01**		
vinclozolin	dicarboximide	fungicide	GC-MS NCI						*0,01*
zoxamide	benzamide	fungicide	LC-MS/MS ESI+	**0,01**	**0,01**		**0,01**		
single residue method (SRM)									
anthraquinone	--	repellent	GC-MS/MS	**0,01**					
benzyldimethylammonium chloride (BAC-	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
benzyldimethyldecylammonium chloride (	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
benzyldimethyldodecylammonium chlorid	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
benzyldimethylhexadecylammonium chlo	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
benzyldimethyloctadecylammoniumchlori	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
benzyldimethyltetradecylammonium chlo	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
chlorate	inorganic ion	herbicide	LC-MS/MS ESI-	**0,01**				**0,01**	
chlormequat	quaternary ammonium	plant growth regulator	LC-MS/MS ESI+	**0,01**	**0,01**				
didecyldimethylammoniumchloride (DDA	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					

active substance	class	mode of action	detection system	reporting limit (mg/kg) according to commodity groups*					
				fruit and vegetables	cereals	cocoa	fat and oil	milk products	non-routine**
didodecyldimethylammoniumchloride (D	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
dioctyldimethylammoniumchloride (DDA	quaternary ammonium	biozide	LC-MS/MS ESI+	**0,05**					
dithiocarbamates	dithiocarbamate	fungicide	GC-MS EI SIM	**0,01**					
ethephon		plant growth regulator	LC-MS/MS ESI-	**0,01**					
glyphosate	glycine derivative	herbicide	LC-MS/MS ESI-		**0,1**				
inorganic bromide, total	inorganic ion	metabolite	ICP-MS	**1**	**1**	**1**			
maleic hydrazide ®	--	plant growth regulator	LC-MS/MS ESI+	**0,1**					
mepiquat	quaternary ammonium	plant growth regulator	LC-MS/MS ESI+	**0,01**	**0,01**				
nicotine			LC-MS/MS ESI+	**0,01**					
perchlorate	inorganic ion		LC-MS/MS ESI-	**0,01**				**0,01**	
phosphorous acid	inorganic ion	plant growth regulator	LC-MS/MS ESI+	**0,1**					

**for not named matrices the scope 'fruit and vegetables' will be analyzed, the mentioned reporting limits may differ from matrix.*
***for these active substances validation data are available, they are not yet in the routine methode - but can be analysed on request.*