



**THE NATIONAL INSTITUTE
OF HORTICULTURAL RESEARCH**
Konstytucji 3 Maja 1/3 Str., 96-100 Skierniewice, Poland

FOOD SAFETY LABORATORY
Pomologiczna 13 B Str., 96-100 Skierniewice, Poland
Tel: (+ 48 46) 834-52-86; 834-52-72



AB 757

THE COMMERCIAL OFFER

Food Safety Laboratory offers testing for residues of pesticides in food, agricultural products, plant material, soil and water using methods accredited by the Polish Accreditation Center (accreditation number AB 757) as shown in the tables below.

Food Safety Laboratory does not take samples for testing, samples are provided by the client.

FOOD, AGRICULTURAL PRODUCTS, PLANT MATERIAL

Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Products with high water content, high acid and water content, and high sugar and low water content (SANTE: groups 1, 2, 3) e.g.: - fresh fruits - fresh vegetables - fresh herbs - fresh mushrooms - juices and concentrates - honey - dried fruits - jams	PN-EN 15662:2018	Table 1a	450
		Table 2a	350
		Table 3a (acidic herbicides)	300
		Table 4a	200
		Nicotine (Table 9)	200
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	150
	PB-04 ed.1 of 10.01.2022	Ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table 11)	300
	EURL-SRM QuPpe - PO	Glyphosate, Trimethylsulfonyl cation, Glufosinate together with metabolites (MPP, N-Acetyl-Glufosinate), Ethephon (Table 12)	400
		Maleic hydrazide (Table 14)	300
		Chlorates, Perchlorates, Phosetyl, Phosphonic acid, Bromide ion (Table 13)	350
		Chlormequat chloride, Mepiquat chloride, Cyromazine, Matrine, Oxymatrine, Melamine (Table 14)	350
		ETU, PTU (Table 14)	300



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Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Products with high oil content and very low water content (SANTE group 4) e.g.: - nuts - canola seeds - sunflower seeds - cotton seeds - soybean seeds - sesame seeds - peanut butter	PN-EN 15662:2018	Table 1b	450
		Table 2b	350
		Table 3b (acidic herbicides)	300
		Table 4b	200
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	150
	PB-04 ed.1 of.10.01.2022	Ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table 11)	300
	EURL-SRM QuPPE - PO	Glyphosate, Trimethylsulfonyl cation, Glufosinate together with metabolites (MPP, N-Acetyl-Glufosinate), Ethephon (Table 12)	400
		Maleic hydrazide (Table 14)	300
		Chlorates, Perchlorates, Phosetyl, Phosphonic acid, Bromide ion (Table 13)	350
		Chlormequat chloride, Mepiquat chloride, Cyromazine, Matrine, Oxymatrine, Melamine (Table 14)	350



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Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Products with high starch and/or protein content and low water and fat content (SANTE group 5) e.g.: - dried broad beans - dried beans - lentils - wheat - rye - barley - oat - corn - rice - bread - crackers - breakfast cereals - pasta - flour	PN-EN 15662:2018	Table 1c	450
		Table 2c	350
		Table 3a (acidic herbicides)	300
		Table 4b	200
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	150
	PB-04 ed.1 of 10.01.2022	Ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table 11)	300
	EURL-SRM QuPPE - PO	Glyphosate, Trimethylsulfonyl cation, Glufosinate together with metabolites (MPP, N-Acetyl-Glufosinate), Ethephon (Table 12)	400
		Maleic hydrazide (Table 14)	300
		Chlorates, Perchlorates, Phosetyl, Phosphonic acid, Bromide ion (Table 13)	350
		Chlormequat chloride, Mepiquat chloride, Cyromazine, Matrine, Oxymatrine, Melamine (Table 14)	350
		ETU, PTU (Table 14)	300



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Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Specific or unique products (SANTE group 6) e.g.: - hops - cocoa beans and related products - coffee - tea - spices - dried herbs	PN-EN 15662:2018	Table 1d	450
		Table 2d	350
		Table 3b (acidic herbicides)	300
		Table 4b	200
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	150
	PB-04 ed.1 of 10.01.2022	Ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table 11)	300
	EURL-SRM QuPPE - PO	Glyphosate, Trimethylsulfonyl cation, Glufosinate together with matabolites (MPP, N-Acetyl-Glufosinate), Ethephon (Table 12)	400
		Maleic hydrazide (Table 14)	300
		Chlorates, Perchlorates, Phosetyl, Phosphonic acid (Table 13)	350
		Chlormequat chloride, Mepiquat chloride, Cyromazine, Matrine, Oxymatrine, Melamine (Table 14)	350



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Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Milk and dairy products (SANTE group 8) e.g.: - cow's milk, goat's milk - cheeses, cream - yogurts	PN-EN 15662:2018	Table 1f	450
		Table 2f	350
		Table 3d (acidic herbicides)	300
	PB-04 ed.1 of 10.01.2022	Ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table 11)	300
	EURL-SRM QuPPE - PO	Chlorates, Perchlorates, Phosetyl, Phosphonic acid (Table 13)	350
		Chlormequat chloride, Mepiquat chloride, Cyromazine, Matrine, Oxymatrine, Melamine (Table 14)	350



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FOOD			
Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Eggs (SANTE group 9) e.g.: - chicken eggs - duck eggs - goose eggs	PN-EN 15662:2018	Table 1e	450
		Table 2e	350
	EURL-SRM QuPPE - PO	Glyphosate, Trimethylsulfonil cation, Ethephon (Table 12)	400
		Chlormequat chloride, Mepiquat chloride, Cyromazine (Table 14)	350

SOIL			
Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Soil	PN-EN 15662:2018	Table 5	400
		Table 6	300
		Table 3c (acidic herbicides)	300
	EURL-SRM QuPPE - PO	Glyphosate (NA) (Table 12)	400

WATER			
Object of study	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Water	PB-03 ed.1 of 15.02.2021	Table 7	200
	PB-02 ed.2 of 15.02.2021	Table 8	200
	EURL-SRM QuPPE - PO	Glyphosate (NA) (Table 12)	400



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SUGGESTED STUDY PACKAGES

Package name	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Package "Basic"	PN-EN 15662:2018	Table 1a – 1f	600
		Table 2a – 2f	
Package "Standard"	PN-EN 15662:2018	Table 1a – 1d	700
		Table 2a – 2d	
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	
Package "Extended"	PN-EN 15662:2018	Table 1a – 1d	850
		Table 2a – 2d	
		Table 4a – 4b	
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	
Package "Advanced"	PN-EN 15662:2018	Table 1a – 1d	1350
		Table 2a – 2d	
		Table 3a – 3d	
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	
	QuPPE-PO	Glyphosate, Trimethylsulfonyl cation (Table 12)	
		Chlormequat chloride, Mepiquat chloride, Cyromazine (Table 14)	
Package "Baby Food"	PN-EN 15662:2018	Table 1a – 1d	900
		Table 2a – 2d	
		Other pesticides resulting from the Decree of the Minister of Health on foodstuffs for particular nutritional uses (Journal of Laws 2010 No. 180 item 1214)	
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	
	QuPPE-PO	Chlormequat chloride, Mepiquat chloride, Cyromazine (Table 14)	





SUGGESTED STUDY PACKAGES cont.

Package name	Test method	Determinable substances and their limits of determination (GO)	Net price* (PLN)
Package "Baby Food Plus" (additional analyses to the "Baby Food" package)	PN-EN 15662:2018	Table 4a – 4b	750
	QuPPe-PO	Glyphosate, Trimethylsulfonyl cation, Glufosinate together with metabolites (MPP, N-Acetyl-Glufosinate), Ethephon (Table 12)	
		Chlorates, Perchlorates, Phosetyl, Phosphonic acid, Bromide ion (Table 13)	
Package "Cultivated mushrooms"	PN-EN 15662:2018	Table 2a	700
	QuPPe-PO	Chlormequat chloride, Mepiquat chloride, Cyromazine (Table 14)	
	PN-EN 15662:2018	Nicotine (Table 9)	
Package "Herbicide"	PN-EN 15662:2018	Table 3a – 3d	550
	QuPPe-PO	Glyphosate, Trimethylsulfonyl cation, Glufosinate, Ethephon (Table 12)	
Package "Soil"	PN-EN 15662:2018	Table 5	550
		Table 6	
Package "Soil Plus"	PN-EN 15662:2018	Table 5	900
		Table 6	
		Table 3c	
	QuPPe-PO	Glyphosate, Trimethylsulfonyl cation, Glufosinate (Table 12)	

Explanation:

* - current VAT (23%) should be added to the net price.

(NA) - non-accredited substance - not included in the current scope of accreditation..



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Table 1a. GC-MS/MS - SANTE: groups 1, 2, 3 (e.g. fruits, vegetables, mushrooms, juices, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [ng/kg]	No.	Substance name	LOQ [mg/kg]
1	Acetochlor	0,005	78	Deltamethrin	0,005	155	Flumioxazin	0,01	230	Phenthoate	0,005
2	Acrinathrin	0,005	79	Demeton-S	0,005	156	Fluorodifen	0,005	231	Phorate	0,005
3	Alachlor	0,005	80	Desmetyrn	0,005	157	Fluotrimazole	0,005	232	Phorate sulfone	0,01
4	Aldrin	0,001	81	Dialifos	0,005	158	Fluquinconazole	0,005	233	Phorate sulfoxide	0,005
5	Allethrin	0,005	82	Diazinon	0,005	159	Flurprimidol	0,01	234	Phosalone	0,005
6	Ametryn	0,005	83	Dichlobenil	0,005	160	Flurtamone	0,01	235	Phosmet	0,005
7	Aminocarb	0,005	84	Dichlofenthiol	0,005	161	Flusilazole	0,005	236	Phosphamidon	0,005
8	Anthraquinone	0,005	85	Dichlofluanid	0,005	162	Flutianil	0,01	237	Phthalimide	0,005
9	Atrazine	0,005	86	Dichloroaniline, 3,5-	0,005	163	Flutriafol	0,005	238	Picolinafen	0,005
10	Azaconazole	0,005	87	Dichlorobenzamide, 2,6-	0,01	164	Folpet	0,005	239	Picoxystrobin	0,005
11	Azinphos ethyl	0,005	88	Dichlorobenzophenone-p,p	0,005	165	Fonofos	0,005	240	Piperonyl butoxide	0,005
12	Azinphos-methyl	0,005	89	Dichlorvos	0,005	166	Formothion	0,005	241	Piperophos	0,005
13	Azoxystrobin	0,005	90	Diclobutrazol	0,005	167	Furalaxyl	0,005	242	Pirimicarb	0,005
14	Beflubutamid	0,005	91	Dicloran	0,005	168	Furathiocarb	0,005	243	Pirimicarb desmethyl	0,005
15	Benalaxyl	0,005	92	Dicofol op	0,005	169	Gamma-cyhalothrin	0,005	244	Pirimiphos-ethyl	0,01
16	Benfluralin	0,005	93	Dicofol pp	0,005	170	Halfenprox	0,005	245	Pirimiphos-methyl	0,005
17	Benfuracarb	0,005	94	Dieldrin	0,001	171	Heptachlor	0,001	246	Procymidone	0,005
18	Bifenazate	0,005	95	Diethofencarb	0,005	172	Heptachlor cis-epoxid	0,0025	247	Profenofos	0,005
19	Bifenazate diazene	0,005	96	Difenoconazole	0,005	173	Heptachlor trans-epoxid	0,0025	248	Profluralin	0,005
20	Bifenox	0,005	97	Dimethachlor	0,005	174	Heptenophos	0,005	249	Profluralin	0,005
21	Bifenthrin	0,005	98	Dimethoate	0,005	175	Hexachlorobenzene	0,001	250	Prometon	0,005
22	Biphenyl	0,005	99	Dimethomorph	0,005	176	Hexachlorocyclohexane (HCH), alpha	0,005	251	Prometryn	0,005
23	Bitteranol	0,005	100	Dimoxystrobin	0,005	177	Hexachlorocyclohexane (HCH), beta	0,005	252	Propachlor	0,005
24	Boscalid	0,005	101	Dimiconazole	0,005				253	Propargite	0,005
25	Bromfenvinphos	0,005	102	Dinitramine	0,01				254	Propazine	0,005
26	Bromocyclen	0,005	103	Dinobuton	0,01	178	Hexaconazole	0,005	255	Propetamphos	0,005
27	Bromophos	0,005	104	Dinoseb	0,01	179	Imazalit	0,005	256	Propham	0,005
28	Bromophos-ethyl	0,005	105	Dioxabenzofos	0,005	180	Iodofenphos	0,005	257	Propiconazole	0,005
29	Bromopropylate	0,005	106	Dioxacarb	0,005	181	Iprobenfos	0,005	258	Propyzamide	0,005
30	Bupirimate	0,005	107	Dioxathion	0,005	182	Iprodione	0,005	259	Prothioconazole destio	0,005
31	Buprofezin	0,005	108	Diphenylamine	0,005	183	Isocarbophos	0,005	260	Prothiofos	0,005
32	Butachlor	0,005	109	Disulfoton	0,001	184	Isofenphos	0,005	261	Pyraclostrobin	0,005
33	Butafenacil	0,005	110	Disulfoton sulfon	0,01	185	Isofenphos-methyl	0,005	262	Pyrazophos	0,005
34	Butylate	0,005	111	Disulfoton sulfoxide	0,01	186	Isofetamid	0,01	263	Pyrethrins	0,05
35	Captafol	0,005	112	Ditalimfos	0,005	187	Kresoxim-methyl	0,005	264	Pyridaben	0,005
36	Captan	0,005	113	DMST	0,005	188	lambda-Cyhalothrin	0,005	265	Pyridalyl	0,01
37	Carbaryl	0,005	114	Dodemorph	0,005	189	Lindane	0,005	266	Pyridaphenthion	0,01
38	Carboxin	0,005	115	Edifenphos	0,005	190	Malaoxon	0,005	267	Pyrifeno	0,005
39	Chinomethionat	0,005	116	Endosulfan alpha	0,005	191	Malathion	0,005	268	Pyrimethanil	0,005
40	Chlorbenside	0,005	117	Endosulfan beta	0,005	192	Mandestrobilin	0,01	269	Pyriofenone	0,01
41	Chlorbufam	0,005	118	Endosulfan sulphate	0,005	193	Mecarbam	0,005	270	Pyriproxyfen	0,005
42	Chlordane, -cis	0,005	119	Endrin	0,0025	194	Mefentrifluconazole	0,005	271	Pyroquilon	0,005
43	Chlordane, -oxy	0,01	120	Endrin keton	0,01	195	Mepanipyrin	0,005	272	Quinalphos	0,005
44	Chlordane, -trans	0,01	121	EPN	0,005	196	Mepronil	0,005	273	Quinoxifen	0,005
45	Chlorfenapyr	0,005	122	Epoxiconazole	0,005	197	Metalaxyl	0,005	274	Quintozene	0,005
46	Chlorfenson	0,005	123	Esfenvalerate	0,005	198	Metazachlor	0,005	275	Resmethrin	0,005
47	Chlorfenvinphos	0,005	124	Etaconazole	0,005	199	Metconazole	0,005	276	Silafluofen	0,01
48	Chlormephos	0,005	125	Ethalfuralin	0,005	200	Methacrisfos	0,005	277	Simazine	0,01
49	Chlorobenzilate	0,005	126	Ethion	0,005	201	Methidathion	0,005	278	Spiromesifen	0,005
50	Chloropropylate	0,005	127	Ethofumesate	0,005	202	Methoxychlor	0,005	279	Sulfotep	0,005
51	Chlorothalonil	0,005	128	Ethofumesate, -2-keto	0,01	203	Metolachlor	0,005	280	tau-Fluvalinate	0,005
52	Chlorpropham	0,005	129	Ethoprophos	0,005	204	Metribuzin	0,005	281	Tebuconazole	0,005
53	Chlorpyrifos	0,005	130	Ethoxyquin	0,005	205	Mevinphos	0,005	282	Tebufenpyrad	0,005
54	Chlorpyrifos-methyl	0,005	131	Etofenprox	0,005	206	Molinate	0,01	283	Tecnazene	0,005
55	Chlorthal-dimethyl	0,005	132	Etrifos	0,005	207	Monolinuron	0,01	284	Tefluthrin	0,005
56	Chlorthion	0,005	133	Fenamiphos	0,005	208	Myclobutanil	0,005	285	Terbacil	0,005
57	Chlorthiophos	0,005	134	Fenarimol	0,005	209	Nitratin	0,005	286	Terbufos	0,001
58	Clodinafop propargyl	0,005	135	Fenazaquin	0,005	210	Nitrapyrin	0,005	287	Terbutryn	0,005
59	Clomazone	0,005	136	Fenbuconazole	0,005	211	Nitrofen	0,001	288	Tetrachlorvinphos	0,005
60	Coumaphos	0,005	137	Fenchlorphos	0,005	212	Nitrothral isopropyl	0,005	289	Tetraconazole	0,005
61	Crimidine	0,005	138	Fenhexamid	0,005	213	Nuarimol	0,005	290	Tetradifon	0,005
62	Cyanazine	0,005	139	Fenitrothion	0,005	214	o-Phenylphenol	0,005	291	Tetrahydrophthalimide	0,005
63	Cyanophenphos	0,005	140	Fenoxycarb	0,005	215	Oxadiazon	0,01	292	Tetramethrin	0,005
64	Cyanophos	0,005	141	Fenpropathrin	0,005	216	Oxadixyl	0,005	293	Tetrasul	0,005
65	Cycloate	0,005	142	Fenpropidin	0,005	217	Oxyfluorfen	0,005	294	Thiobencarb	0,01
66	Cyfluthrin	0,005	143	Fenpropimorph	0,005	218	Paclobutrazol	0,005	295	Tolclofos-methyl	0,005
67	Cypermethrin	0,005	144	Fenpyrazamine	0,01	219	Parathion	0,005	296	Tolyfluorfen	0,005
68	Cyprazine	0,01	145	Fenthion	0,005	220	Parathion-methyl	0,005	297	Triadimefon	0,005
69	Cyproconazole	0,005	146	Fenvalerate	0,005	221	Penconazole	0,005	298	Triadimenol	0,005
70	Cyprodinil	0,005	147	Fipronil	0,001	222	Pencycuron	0,005	299	Tri-allate	0,005
71	DDD-o,p'	0,005	148	Fipronil desulfinyl	0,0025	223	Pendimethalin	0,005	300	Triazophos	0,005
72	DDD-p,p'	0,005	149	Fipronil sulfon	0,0025	224	Penflufen	0,01	301	Trifloxystrobin	0,005
73	DDE-o,p'	0,005	150	Fluchloralin	0,005	225	Pentachloroaniline	0,01	302	Triflumizole	0,005
74	DDE-p,p'	0,005	151	Flucythrinate	0,005	226	Permethrin	0,005	303	Trifluralin	0,005
75	DDM	0,005	152	Fludioxonil	0,005	227	Perthane (Ethylan)	0,005	304	Vindozolin	0,005
76	DDT-o,p'	0,005	153	Fluensulfone	0,01	228	Pethoxamid	0,005			
77	DDT-p,p'	0,005	154	Flumetralin	0,005	229	Phenothrin	0,01			

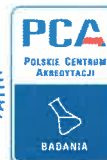


Table 1b. GC-MS/MS - SANTE: group 4 (e.g. rapeseed. Soybeans, nuts, oilseeds, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Acetochlor	0,01	73	Deltamethrin	0,01	145	Fluquinconazole	0,01	215	Phorate	0,01
2	Acrinathrin	0,01	74	Demeton-S	0,01	146	Flurprimidol	0,01	216	Phorate sulfone	0,01
3	Alachlor	0,01	75	Desmetryn	0,01	147	Flurtamone	0,01	217	Phorate sulfoxide	0,01
4	Aldrin	0,01	76	Diazinon	0,01	148	Flusilazole	0,01	218	Phosalone	0,01
5	Ametryn	0,01	77	Dichlobenil	0,01	149	Flutalanil	0,01	219	Phthalimide	0,01
6	Aminocarb	0,01	78	Dichlofenthion	0,01	150	Flutriaol	0,01	220	Picolinafen	0,01
7	Anthraquinone	0,01	79	Dichlofuanid	0,01	151	Folpet	0,01	221	Picoxystrobin	0,01
8	Atrazine	0,01	80	Dichloroaniline, 3,5-	0,01	152	Fonofos	0,01	222	Piperonyl butoxide	0,01
9	Azaconazole	0,01	81	Dichlorobenzamide, 2,6-	0,01	153	Formothion	0,01	223	Piperophos	0,01
10	Azinphos ethyl	0,01	82	Dichlorobenzophenone-p,p	0,01	154	Furalaxyl	0,01	224	Pirimicarb	0,01
11	Azinphos-methyl	0,01	83	Dichlorvos	0,01	155	Furathioncarb	0,01	225	Pirimicarb desmethyl	0,01
12	Azoxystrobin	0,01	84	Diclobutrazol	0,01	156	Gamma-cyhalothrin	0,01	226	Pirimiphos-ethyl	0,01
13	Beflubutamid	0,01	85	Dicloran	0,01	157	Halfenprox	0,01	227	Pirimiphos-methyl	0,01
14	Benalaxyl	0,01	86	Dicofol op	0,01	158	Heptachlor	0,01	228	Procymidone	0,01
15	Benfluralin	0,01	87	Dicofol pp	0,01	159	Heptachlor cis-epoxid	0,01	229	Profenofos	0,01
16	Bifenazate	0,01	88	Dieldrin	0,01	160	Heptenophos	0,01	230	Profluralin	0,01
17	Bifenazate diazene	0,01	89	Difenoconazole	0,01	161	Hexachlorobenzene	0,01	231	Promecarb	0,01
18	Bifenox	0,01	90	Dimethachlor	0,01	162	Hexachlorocyclohexane (HCH), alpha	0,01	232	Prometon	0,01
19	Bifenthrin	0,01	91	Dimethomorph	0,01	163	Hexachlorocyclohexane (HCH), beta	0,01	233	Prometryn	0,01
20	Bitertanol	0,01	92	Dimoxystrobin	0,01	164	Hexaconazole	0,01	234	Propachlor	0,01
21	Boscalid	0,01	93	Diniconazole	0,01	165	Imazalil	0,01	235	Propargite	0,01
22	Bromfenvinphos	0,01	94	Dinitramine	0,01	166	Iodofenphos	0,01	236	Propazine	0,01
23	Bromocyclen	0,01	95	Dinobuton	0,01	167	Iprobenfos	0,01	237	Propetamphos	0,01
24	Bromophos	0,01	96	Dioxabenzofos	0,01	168	Iprodione	0,01	238	Propham	0,01
25	Bromophos-ethyl	0,01	97	Dioxacarb	0,01	169	Isofentophos	0,01	239	Propiconazole	0,01
26	Bromopropylate	0,01	98	Diphenylamine	0,01	170	Isofenphos	0,01	240	Propyzamide	0,01
27	Bupirimate	0,01	99	Disulfoton	0,01	171	Isofenphos-methyl	0,01	241	Prothioconazole destio	0,01
28	Buprofezin	0,01	100	Disulfoton sulfon	0,01	172	Isofetamid	0,01	242	Prothiofos	0,01
29	Butachlor	0,01	101	Disulfoton sulfoxide	0,01	173	Kresoxim-methyl	0,01	243	Pyraclostrobin	0,01
30	Butafenacil	0,01	102	Ditalimfos	0,01	174	lambda-Cyhalothrin	0,01	244	Pyrazophos	0,01
31	Butylate	0,01	103	Dodemorph	0,01	175	Lindane	0,01	245	Pyrethrins	0,1
32	Captan	0,01	104	Edifenphos	0,01	176	Malathion	0,01	246	Pyridaben	0,01
33	Carbaryl	0,01	105	Endosulfan alpha	0,01	177	Mandestrobil	0,01	247	Pyridalyl	0,01
34	Carboxin	0,01	106	Endosulfan beta	0,01	178	Mecarbam	0,01	248	Pyrifeno	0,01
35	Chinomethionat	0,01	107	Endosulfan sulphate	0,01	179	Mefentrifluconazole	0,01	249	Pyrimethanil	0,01
36	Chlorbenside	0,01	108	Endrin	0,01	180	Mepanipyrin	0,01	250	Pyriofenone	0,01
37	Chlorbufam	0,01	109	EPN	0,01	181	Meprotil	0,01	251	Pyriproxyfen	0,01
38	Chlordane, -cis	0,01	110	Epoxiconazole	0,01	182	Metalaxyl	0,01	252	Pyroquilon	0,01
39	Chlordane, -oxy	0,01	111	Esfenvalerate	0,01	183	Metazachlor	0,01	253	Quinalphos	0,01
40	Chlordane, -trans	0,01	112	Etaconazole	0,01	184	Metconazole	0,01	254	Quinoxifen	0,01
41	Chlorfenapyr	0,01	113	Ethalfuralin	0,01	185	Methacrisfos	0,01	255	Quintozene	0,01
42	Chlorfenson	0,01	114	Ethion	0,01	186	Methidathion	0,01	256	Resmethrin	0,01
43	Chlorfenvinphos	0,01	115	Ethofumesate	0,01	187	Methoxychlor	0,01	257	Silafluofen	0,01
44	Chlormephos	0,01	116	Ethofumesate, -2-keto	0,01	188	Metolachlor	0,01	258	Simazine	0,01
45	Chlorobenzilate	0,01	117	Ethoprophos	0,01	189	Metribuzin	0,01	259	Spiromesifen	0,01
46	Chloropropylate	0,01	118	Etofenprox	0,01	190	Mevinphos	0,01	260	Sulfotep	0,01
47	Chlorothalonil	0,01	119	Etrifos	0,01	191	Mollinate	0,01	261	tau-Fluvalinate	0,01
48	Chlorpropham	0,01	120	Fenamiphos	0,01	192	Monolinuron	0,01	262	Tebuconazole	0,01
49	Chlorpyrifos	0,005	121	Fenarimol	0,01	193	Myclobutanil	0,01	263	Tebufenpyrad	0,01
50	Chlorpyrifos-methyl	0,01	122	Fenazaquin	0,01	194	Nitrin	0,01	264	Tecnazene	0,01
51	Chlorthal-dimethyl	0,01	123	Fenbuconazole	0,01	195	Nitrapyrin	0,01	265	Tefluthrin	0,01
52	Chlorthion	0,01	124	Fenchlorphos	0,01	196	Nitrofen	0,01	266	Terbacil	0,01
53	Chlorthiophos	0,01	125	Fenhexamid	0,01	197	Nitrothal isopropyl	0,01	267	Terbufos	0,01
54	Clodinafop propargyl	0,01	126	Fenitrothion	0,01	198	Nuaimol	0,01	268	Terbutryn	0,01
55	Clomazone	0,01	127	Fenoxycarb	0,01	199	Oxadiazon	0,01	269	Tetrachlorvinphos	0,01
56	Coumaphos	0,01	128	Fenpropathrin	0,01	200	Oxadixyl	0,01	270	Tetraconazole	0,01
57	Crimidine	0,01	129	Fenpropidin	0,01	201	Oxyfluorfen	0,01	271	Tetradifon	0,01
58	Cyanophenphos	0,01	130	Fenpropimorph	0,01	202	Paclobutrazol	0,01	272	Tetrahydrophthalimide	0,01
59	Cyanophos	0,01	131	Fenpyrazamine	0,01	203	Parathion	0,01	273	Tetramethrin	0,01
60	Cycloate	0,01	132	Fenthion	0,01	204	Parathion-methyl	0,01	274	Tetrasul	0,01
61	Cyfluthrin	0,01	133	Fenvalerate	0,01	205	Penconazole	0,01	275	Thiobencarb	0,01
62	Cypermethrin	0,01	134	Fipronil	0,01	206	Pencycuron	0,01	276	Tolclofos-methyl	0,01
63	Cyprazine	0,01	135	Fipronil desulfenyl	0,01	207	Pendimethalin	0,01	277	Tolyfluanid	0,01
64	Cyproconazole	0,01	136	Fipronil sulfon	0,01	208	Penflufen	0,01	278	Triadimefon	0,01
65	Cyprodinil	0,01	137	Fluchloralil	0,01	209	Pentachloroaniline	0,01	279	Triadimenol	0,01
66	DDD-o,p'	0,01	138	Flucythrinate	0,01	210	Permethrin	0,01	280	Tri-allate	0,01
67	DDD-p,p'	0,01	139	Fludioxonil	0,01	211	Perthane (Ethylan)	0,01	281	Triazophos	0,01
68	DDE-o,p'	0,01	140	Fluensulfone	0,01	212	Pethoxamid	0,01	282	Trifloxystrobin	0,01
69	DDE-p,p'	0,01	141	Flumetralin	0,01	213	Phenothrin	0,01	283	Triflumizole	0,01
70	DDM	0,01	142	Flumioxazin	0,01	214	Phenthoate	0,01	284	Trifluralin	0,01
71	DDT-o,p'	0,01	143	Fluorodifen	0,01				285	Vinclozolin	0,01
72	DDT-p,p'	0,01	144	Fluotrimazole	0,01						



Table 1c. GC-MS/MS - SANTE: group 5 (e.g. cereals, flour, dried beans, bread, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Acetochlor	0,005	78	Demeton-S	0,005	155	Fluorodifen	0,005	230	Phorate	0,005
2	Acrinathrin	0,005	79	Desmetryn	0,005	156	Fluotrimazole	0,005	231	Phorate sulfone	0,01
3	Alachlor	0,005	80	Dialifos	0,005	157	Fluquinconazole	0,005	232	Phorate sulfoxide	0,005
4	Aldrin	0,0025	81	Diazinon	0,005	158	Flurprimidol	0,01	233	Phosalone	0,005
5	Allethrin	0,005	82	Dichlobenil	0,005	159	Flurtamone	0,01	234	Phosmet	0,005
6	Ametryn	0,005	83	Dichlofenthion	0,005	160	Flusilazole	0,005	235	Phosphamidon	0,005
7	Aminocarb	0,005	84	Dichlofuanid	0,01	161	Flutianil	0,01	236	Phthalimide	0,005
8	Antraquinone	0,005	85	Dichloroaniline, 3,5-	0,005	162	Flutriafol	0,005	237	Picolinafen	0,005
9	Atrazine	0,005	86	Dichlorobenzamide, 2,6-	0,01	163	Folpet	0,005	238	Picoxystrobin	0,005
10	Azaconazole	0,005	87	Dichlorobenzophenone-p,p	0,005	164	Fonofos	0,005	239	Piperonyl butoxide	0,005
11	Azinphos ethyl	0,005	88	Dichlorvos	0,005	165	Formothion	0,005	240	Piperophos	0,005
12	Azinphos-methyl	0,01	89	Diclobutrazol	0,005	166	Furalaxyl	0,005	241	Pirimicarb	0,005
13	Azoxystrobin	0,005	90	Dicloran	0,005	167	Furathiocarb	0,005	242	Pirimicarb desmethyl	0,005
14	Beflubutamid	0,005	91	Dicofol op	0,005	168	Gamma-cyhalothrin	0,005	243	Pirimiphos-ethyl	0,01
15	Benalaxyl	0,005	92	Dicofol pp	0,005	169	Halfenprox	0,005	244	Pirimiphos-methyl	0,005
16	Benfluralin	0,005	93	Dieldrin	0,0025	170	Heptachlor	0,001	245	Procymidone	0,005
17	Benfuracarb	0,005	94	Diethofencarb	0,005	171	Heptachlor cis-epoxid	0,005	246	Profenofos	0,005
18	Bifenazate	0,005	95	Difenoconazole	0,005	172	Heptachlor trans-epoxid	0,005	247	Profluralin	0,005
19	Bifenazate diazene	0,01	96	Dimethachlor	0,005	173	Heptenophos	0,005	248	Promecarb	0,005
20	Bifenox	0,005	97	Dimethoate	0,005	174	Hexachlorobenzene	0,001	249	Prometon	0,005
21	Bifenthrin	0,005	98	Dimethomorph	0,005	175	Hexachlorocyclohexane (HCH), alpha	0,005	250	Prometryn	0,005
22	Biphenyl	0,005	99	Dimoxystrobin	0,005	176	Hexachlorocyclohexane (HCH), beta	0,005	251	Propachlor	0,005
23	Bitteranol	0,005	100	Diniconazole	0,005	177	Hexaconazole	0,005	252	Propargite	0,005
24	Boscalid	0,005	101	Dinitramine	0,01	178	Imazalil	0,005	253	Propazine	0,005
25	Bromfenvinphos	0,005	102	Dinobuton	0,01	179	Iodofenphos	0,005	254	Propetamphos	0,005
26	Bromocyclen	0,005	103	Dinoseb	0,01	180	Iprobenfos	0,005	255	Propham	0,005
27	Bromophos	0,005	104	Dioxabenzofos	0,005	181	Iprodione	0,005	256	Propiconazole	0,005
28	Bromophos-ethyl	0,005	105	Dioxacarb	0,005	182	Isocarboxphos	0,005	257	Propyzamide	0,005
29	Bromopropylate	0,005	106	Dioxathion	0,005	183	Isofenphos	0,005	258	Prothioconazole destio	0,005
30	Bupirimate	0,005	107	Diphenylamine	0,005	184	Isofenphos-methyl	0,005	259	Prothiofos	0,005
31	Buprofezin	0,005	108	Disulfoton	0,001	185	Isofetamid	0,01	260	Pyraclostrobin	0,005
32	Butachlor	0,005	109	Disulfoton sulfon	0,01	186	Kresoxim-methyl	0,005	261	Pyrazophos	0,005
33	Butafenacil	0,005	110	Disulfoton sulfoxide	0,01	187	lambda-Cyhalothrin	0,005	262	Pyrethrins	0,1
34	Butylate	0,005	111	Ditalimfos	0,005	188	Lindane	0,005	263	Pyridaben	0,005
35	Captan	0,005	112	DMST	0,005	189	Malaoxon	0,005	264	Pyridalyl	0,01
36	Carbaryl	0,005	113	Dodemorph	0,005	190	Malathion	0,005	265	Pyridaphenthion	0,01
37	Carboxin	0,005	114	Edifenphos	0,005	191	Mandestrobilin	0,01	266	Pyrifeno	0,005
38	Chinomethionat	0,005	115	Endosulfan alpha	0,005	192	Mecarbam	0,005	267	Pyrimethanil	0,005
39	Chlorbenside	0,005	116	Endosulfan beta	0,005	193	Mefentrifluconazole	0,005	268	Pyriofenone	0,01
40	Chlorbufam	0,005	117	Endosulfan sulphate	0,005	194	Mepanipyrim	0,005	269	Pyriproxyfen	0,005
41	Chlordane, -cis	0,005	118	Endrin	0,01	195	Mepanipyrim	0,005	270	Pyroquilon	0,005
42	Chlordane, -oxy	0,01	119	Endrin keton	0,01	196	Metalaxyl	0,005	271	Quinalphos	0,005
43	Chlordane, -trans	0,01	120	EPN	0,005	197	Metazachlor	0,005	272	Quinoxifen	0,005
44	Chlorfenapyr	0,005	121	Epoxiconazole	0,005	198	Metconazole	0,005	273	Quintozene	0,005
45	Chlorfenson	0,005	122	Esfenvalerate	0,005	199	Methacrifos	0,005	274	Resmethrin	0,005
46	Chlorfenvinphos	0,005	123	Etaconazole	0,005	200	Methidathion	0,005	275	Silafufofen	0,01
47	Chlormephos	0,005	124	Ethalfuralin	0,005	201	Methoxychlor	0,005	276	Simazine	0,01
48	Chlorobenzilate	0,005	125	Ethion	0,005	202	Metolachlor	0,005	277	Spiromesifen	0,005
49	Chloropropylate	0,005	126	Ethofumesate	0,005	203	Metribuzin	0,005	278	Sulfotep	0,005
50	Chlorothalonil	0,01	127	Ethofumesate, -2-keto	0,01	204	Mevinphos	0,005	279	tau-Fluvalinate	0,005
51	Chlorpropham	0,005	128	Ethoprophos	0,005	205	Molinat	0,01	280	Tebuconazole	0,005
52	Chlorpyrifos	0,005	129	Ethoxyquin	0,005	206	Monolinuron	0,01	281	Tebufenpyrad	0,005
53	Chlorpyrifos-methyl	0,005	130	Etofenprox	0,005	207	Myclobutanil	0,005	282	Tecnazene	0,005
54	Chlorthal-dimethyl	0,005	131	Etrifos	0,005	208	Nitrin	0,005	283	Tefluthrin	0,005
55	Chlorthion	0,005	132	Fenamiphos	0,005	209	Nitrapyrin	0,005	284	Terbacil	0,005
56	Chlorthiophos	0,005	133	Fenarimol	0,005	210	Nitrofen	0,005	285	Terbufos	0,001
57	Clodinafop propargyl	0,005	134	Fenazaquin	0,005	211	Nitrothal isopropyl	0,005	286	Terbutryn	0,005
58	Clomazone	0,005	135	Fenbuconazole	0,005	212	Nuarimol	0,005	287	Tetrachlorvinphos	0,005
59	Coumaphos	0,005	136	Fenchlorphos	0,005	213	o-Phenylphenol	0,005	288	Tetraconazole	0,005
60	Crimidine	0,005	137	Fenhexamid	0,005	214	Oxadiazon	0,01	289	Tetradifon	0,005
61	Cyanazine	0,005	138	Fenitrothion	0,005	215	Oxadixyl	0,005	290	Tetrahydrophthalimide	0,005
62	Cyanophenphos	0,005	139	Fenoxycarb	0,005	216	Oxyfluorfen	0,005	291	Tetramethrin	0,005
63	Cyanophos	0,005	140	Fenpropathrin	0,005	217	Paclubutrazol	0,005	292	Tetrasul	0,005
64	Cycloate	0,005	141	Fenpropidin	0,005	218	Parathion	0,005	293	Thiobencarb	0,01
65	Cyfluthrin	0,005	142	Fenpropimorph	0,005	219	Parathion-methyl	0,005	294	Tolclofos-methyl	0,005
66	Cypermethrin	0,005	143	Fenpyrazamine	0,01	220	Penconazole	0,005	295	Tolyfluanid	0,01
67	Cyprazine	0,01	144	Fenthion	0,005	221	Pencycuron	0,005	296	Triadimefon	0,005
68	Cyproconazole	0,005	145	Fenvalerate	0,005	222	Pendimethalin	0,005	297	Triadimenol	0,005
69	Cyprodinil	0,005	146	Fipronil	0,005	223	Penflufen	0,01	298	Tri-allate	0,005
70	DDD-o,p'	0,005	147	Fipronil desulfinyl	0,0025	224	Pentachloroaniline	0,01	299	Triazophos	0,005
71	DDD-p,p'	0,005	148	Fipronil sulfon	0,0025	225	Permethrin	0,005	300	Trifloxystrobin	0,005
72	DDE-o,p'	0,005	149	Fluchloral	0,005	226	Perthane (Ethylan)	0,005	301	Triflumizole	0,005
73	DDE-p,p'	0,005	150	Flucythrinate	0,005	227	Pethoxamid	0,01	302	Trifluralin	0,005
74	DDM	0,005	151	Fludioxonil	0,005	228	Phenothrin	0,01	303	Vindozolin	0,005
75	DDT-o,p'	0,005	152	Fluensulfone	0,01	229	Phenthoate	0,005			
76	DDT-p,p'	0,005	153	Flumetralin	0,005						
77	Deltamethrin	0,005	154	Flumioxazin	0,01						



Table 1d. GC-MS/MS - SANTE: group 6 (e.g. cocoa, teas, spices, dried herbs, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Acetochlor	0,01	72	DDT-p,p'	0,01	143	Fluquinconazole	0,01	212	Phorate sulfone	0,01
2	Acrinathrin	0,01	73	Deltamethrin	0,01	144	Flurprimidol	0,01	213	Phorate sulfoxide	0,01
3	Aldrin	0,01	74	Demeton-S	0,01	145	Flurtamone	0,01	214	Phosalone	0,01
4	Allethrin	0,01	75	Desmetyrn	0,01	146	Flusilazole	0,01	215	Phosmet	0,01
5	Ametryn	0,01	76	Dialifos	0,01	147	Flutamil	0,01	216	Phthalimide	0,01
6	Aminocarb	0,01	77	Diazinon	0,01	148	Flutriaol	0,01	217	Picolinafen	0,01
7	Anthraquinone	0,01	78	Dichlobenil	0,01	149	Folpet	0,01	218	Picoxystrobin	0,01
8	Atrazine	0,01	79	Dichlofenthion	0,01	150	Formothion	0,01	219	Piperonyl butoxide	0,01
9	Azaconazole	0,01	80	Dichlofuanid	0,01	151	Furalaxyl	0,01	220	Piperophos	0,01
10	Azinphos ethyl	0,01	81	Dichlorobenzamide, 2,6-	0,01	152	Furathiocarb	0,01	221	Pirimicarb	0,01
11	Azinphos-methyl	0,01	82	Dichlorobenzophenone-p,p	0,01	153	Gamma-cyhalothrin	0,01	222	Pirimicarb desmethyl	0,01
12	Azoxystrobin	0,01	83	Dichlorvos	0,01	154	Halfenprox	0,01	223	Pirimiphos-ethyl	0,01
13	Beflubutamid	0,01	84	Diclobutrazol	0,01	155	Heptachlor	0,01	224	Pirimiphos-methyl	0,01
14	Benalaxyl	0,01	85	Dicloran	0,01	156	Heptachlor cis-epoxid	0,01	225	Procymidone	0,01
15	Benfluralin	0,01	86	Dicofol op	0,01	157	Heptachlor trans-epoxid	0,01	226	Profenofos	0,01
16	Benfuracarb	0,01	87	Dicofol pp	0,01	158	Heptenophos	0,01	227	Profluralin	0,01
17	Bifenazate	0,01	88	Dieldrin	0,01	159	Hexachlorobenzene	0,01	228	Prometon	0,01
18	Bifenazate diazene	0,01	89	Diethofencarb	0,01	160	Hexachlorocyclohexane (HCH), alpha	0,01	229	Prometryn	0,01
19	Bifenox	0,01	90	Difenoconazole	0,01	161	Hexachlorocyclohexane (HCH), beta	0,01	230	Propachlor	0,01
20	Bifenthrin	0,01	91	Dimethachlor	0,01	162	Hexaconazole	0,01	231	Propargite	0,01
21	Bitertanol	0,01	92	Dimethoate	0,01	163	Imazalil	0,01	232	Propazine	0,01
22	Boscalid	0,01	93	Dimethomorph	0,01	164	Iodofenphos	0,01	233	Propetamphos	0,01
23	Bromfenvinphos	0,01	94	Dimoxystrobin	0,01	165	Iprobenfos	0,01	234	Propham	0,01
24	Bromocyclen	0,01	95	Diniconazole	0,01	166	Iprodione	0,01	235	Propiconazole	0,01
25	Bromophos	0,01	96	Dinitramine	0,01	167	Isofenphos	0,01	236	Propyzamide	0,01
26	Bromophos-ethyl	0,01	97	Dinobuton	0,01	168	Isofenphos-methyl	0,01	237	Prothioconazole destio	0,01
27	Bromopropylate	0,01	98	Dinoseb	0,01	169	Isofenphos-methyl	0,01	238	Prothiofos	0,01
28	Bupirimate	0,01	99	Dioxabenzofos	0,01	170	Isofetamid	0,01	239	Pyraclostrobin	0,01
29	Buprofezin	0,01	100	Diphenylamine	0,01	171	Kresoxim-methyl	0,01	240	Pyrazophos	0,01
30	Butachlor	0,01	101	Disulfoton	0,01	172	lambda-Cyhalothrin	0,01	241	Pyrethrins	0,1
31	Butafenacil	0,01	102	Ditalimfos	0,01	173	Lindane	0,01	242	Pyridaben	0,01
32	Butylate	0,01	103	Edifenphos	0,01	174	Malathion	0,01	243	Pyridalyl	0,01
33	Captan	0,01	104	Endosulfan alpha	0,01	175	Mandestrobin	0,01	244	Pyridaphenthion	0,01
34	Carbaryl	0,01	105	Endosulfan beta	0,01	176	Mecarbam	0,01	245	Pyrifenoxy	0,01
35	Carboxin	0,01	106	Endosulfan sulphate	0,01	177	Mefenflutruconazole	0,01	246	Pyrimethanil	0,01
36	Chinomethionat	0,01	107	Endrin	0,01	178	Mepanipyrim	0,01	247	Pyriofenone	0,01
37	Chlorbenside	0,01	108	Endrin keton	0,01	179	Mepromil	0,01	248	Pyriproxyfen	0,01
38	Chlorbufam	0,01	109	EPN	0,01	180	Metalaxyl	0,01	249	Quinalphos	0,01
39	Chlordane, -cis	0,01	110	Epoxiconazole	0,01	181	Metazachlor	0,01	250	Quinoxifen	0,01
40	Chlordane, -trans	0,01	111	Esfenvalerate	0,01	182	Metconazole	0,01	251	Quintozene	0,01
41	Chlorfenapyr	0,01	112	Etaconazole	0,01	183	Methacryfos	0,01	252	Silafluofen	0,01
42	Chlorfenson	0,01	113	Ethalfuralin	0,01	184	Methidathion	0,01	253	Simazine	0,01
43	Chlorfenvinphos	0,01	114	Ethion	0,01	185	Methoxychlor	0,01	254	Spiromesifen	0,01
44	Chlormephos	0,01	115	Ethofumesate	0,01	186	Metolachlor	0,01	255	Sulfotep	0,01
45	Chlorobenzilate	0,01	116	Ethofumesate, -2-keto	0,01	187	Metribuzin	0,01	256	tau-Fluvalinate	0,01
46	Chloropropylate	0,01	117	Ethoprophos	0,01	188	Mevinphos	0,01	257	Tebuconazole	0,01
47	Chlorothalonil	0,01	118	Ethoxyquin	0,01	189	Molinat	0,01	258	Tebufenpyrad	0,01
48	Chlorpropham	0,01	119	Etofenprox	0,01	190	Myclobutanil	0,01	259	Tecnazene	0,01
49	Chlorpyrifos	0,01	120	Etrimfos	0,01	191	Nitratin	0,01	260	Tefluthrin	0,01
50	Chlorpyrifos-methyl	0,01	121	Fenamiphos	0,01	192	Nitrapyrin	0,01	261	Terbacil	0,01
51	Chlorthal-dimethyl	0,01	122	Fenarimol	0,01	193	Nitrofen	0,01	262	Terbufos	0,01
52	Chlorthion	0,01	123	Fenazaquin	0,01	194	Nitrothai isopropyl	0,01	263	Terbutryn	0,01
53	Chlorthiophos	0,01	124	Fenbuconazole	0,01	195	Nuairimol	0,01	264	Tetrachlorvinphos	0,01
54	Clodinafop propargyl	0,01	125	Fenchlorphos	0,01	196	Oxadiazon	0,01	265	Tetraconazole	0,01
55	Clomazone	0,01	126	Fenhexamid	0,01	197	Oxadixyl	0,01	266	Tetradifon	0,01
56	Coumaphos	0,01	127	Fenitrothion	0,01	198	Oxyfluorfen	0,01	267	Tetrahydrophthalimide	0,01
57	Crimidine	0,01	128	Fenprothrin	0,01	199	Paclobutrazol	0,01	268	Tetramethrin	0,01
58	Cyanophenphos	0,01	129	Fenpropidin	0,01	200	Parathion	0,01	269	Tetrastul	0,01
59	Cyanophos	0,01	130	Fenpropimorph	0,01	201	Parathion-methyl	0,01	270	Thiobencarb	0,01
60	Cycloate	0,01	131	Fenpyrazamine	0,01	202	Penconazole	0,01	271	Tolclofos-methyl	0,01
61	Cyfluthrin	0,01	132	Fenthion	0,01	203	Pencycuron	0,01	272	Tolyfluanid	0,01
62	Cypermethrin	0,01	133	Fenvalerate	0,01	204	Pendimethalin	0,01	273	Triadimefon	0,01
63	Cyprazine	0,01	134	Fipronil	0,01	205	Penflufen	0,01	274	Triadimenol	0,01
64	Cyproconazole	0,01	135	Fipronil desulfinyl	0,01	206	Pentachloroaniline	0,01	275	Tri-allate	0,01
65	Cyprodinil	0,01	136	Fipronil sulfon	0,01	207	Permethrin	0,01	276	Triazophos	0,01
66	DDD-o,p'	0,01	137	Fluchloralin	0,01	208	Perthane (Ethylan)	0,01	277	Trifloxystrobin	0,01
67	DDD-p,p'	0,01	138	Flucythrinate	0,01	209	Pethoxamid	0,01	278	Triflumizole	0,01
68	DDE-o,p'	0,01	139	Fludioxonil	0,01	210	Phenthoate	0,01	279	Trifluralin	0,01
69	DDE-p,p'	0,01	140	Fluensulfone	0,01	211	Phorate	0,01	280	Vinclozolin	0,01
70	DDM	0,01	141	Flumetralin	0,01						
71	DDT-o,p'	0,01	142	Fluorodifen	0,01						



Table 1e. GC-MS/MS - SANTE: group 9 (e.g. chicken eggs, duck eggs, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Z-Phenylphenol	0.005	69	DDD-p,p'	0.005	137	Fipronil desulfinyl	0.0025	203	Permethrin	0.005
2	Acetochlor	0.005	70	DDE-o,p'	0.005	138	Fipronil sulfon	0.0025	204	Perthane (Ethylan)	0.005
3	Acrinathrin	0.005	71	DDE-p,p'	0.005	139	Fluchloralin	0.005	205	Phenthoate	0.005
4	Alachlor	0.005	72	DDM	0.005	140	Flucythrinate	0.005	206	Phorate	0.005
5	Aldrin	0.001	73	DDT-o,p'	0.005	141	Fludioxonil	0.005	207	Phorate sulfone	0.01
6	Allethrin	0.005	74	DDT-p,p'	0.005	142	Flumetralin	0.005	208	Phorate sulfoxide	0.005
7	Ametryn	0.005	75	Deltamethrin	0.005	143	Fluorodifen	0.005	209	Phosalone	0.005
8	Aminocarb	0.005	76	Demeton-S	0.005	144	Fluotrimazole	0.005	210	Phosmet	0.005
9	Anthraquinone	0.005	77	Desmetryn	0.005	145	Fluquinconazole	0.005	211	Phosphamidon	0.005
10	Atrazine	0.005	78	Dialifos	0.005	146	Flurtamone	0.01	212	Phthalimide	0.005
11	Azaconazole	0.005	79	Diazinon	0.005	147	Flusilazole	0.005	213	Picolinafen	0.005
12	Azinphos ethyl	0.005	80	Dichlobenil	0.005	148	Flutriafol	0.005	214	Picoxystrobin	0.005
13	Azinphos-methyl	0.005	81	Dichlofenthion	0.005	149	Folpet	0.005	215	Piperonyl butoxide	0.005
14	Azoxystrobin	0.005	82	Dichloroaniline, 3,5-	0.005	150	Fonofos	0.005	216	Piperophos	0.005
15	Beflubutamid	0.005	83	Dichlorobenzamide, 2,6-	0.01	151	Formothion	0.005	217	Pirimicarb	0.005
16	Benalaxyl	0.005	84	Dichlorobenzophenone-p,p	0.005	152	Furalaxyl	0.005	218	Pirimicarb desmethyl	0.005
17	Benfluralin	0.005	85	Dichlorvos	0.005	153	Furathiocarb	0.005	219	Pirimiphos-methyl	0.005
18	Benfuracarb	0.005	86	Diclobutrazol	0.005	154	Gamma-cyhalothrin	0.005	220	Procymidone	0.005
19	Bifenazate	0.005	87	Dicloran	0.005	155	Halfenprox	0.005	221	Profenofos	0.005
20	Bifenox	0.005	88	Dicofol	0.005	156	Heptachlor	0.001	222	Profluralin	0.005
21	Bifenthrin	0.005	89	Dieltin	0.005	157	Heptachlor cis-epoxid	0.0025	223	Prometon	0.005
22	Biphenyl	0.005	90	Diethofencarb	0.005	158	Heptachlor trans-epoxid	0.005	224	Prometryn	0.005
23	Bitteranol	0.005	91	Difenoconazole	0.005	159	Heptenophos	0.005	225	Propachlor	0.005
24	Boscalid	0.005	92	Dimethachlor	0.005	160	Hexachlorobenzene	0.001	226	Propargite	0.005
25	Bromfenvinphos	0.005	93	Dimethoate	0.005	161	Hexachlorocyclohexane (HCH), alpha	0.005	227	Propazine	0.005
26	Bromocyclen	0.005	94	Dimethomorph	0.005	162	Hexachlorocyclohexane (HCH), beta	0.005	228	Propetamphos	0.005
27	Bromophos	0.005	95	Dimoxystrobin	0.005	163	Hexaconazole	0.005	229	Propham	0.005
28	Bromophos-ethyl	0.005	96	Diniconazole	0.005	164	Imazail	0.005	230	Propiconazole	0.005
29	Bromopropylate	0.005	97	Dinitramine	0.01	165	Iodofenphos	0.005	231	Propyzamide	0.005
30	Bupirimate	0.005	98	Dinobuton	0.01	166	Iprobenfos	0.005	232	Prothioconazole destio	0.005
31	Buprofezin	0.005	99	Dioxabenzofos	0.005	167	Iprodione	0.005	233	Prothiofos	0.005
32	Butachlor	0.005	100	Dioxacarb	0.005	168	Iscarbophos	0.005	234	Pyraclostrobin	0.005
33	Butafenacil	0.005	101	Diphenylamine	0.005	169	Isofenphos	0.005	235	Pyrazophos	0.005
34	Butylate	0.005	102	Disulfoton	0.001	170	Isofenphos-methyl	0.005	236	Pyridaben	0.005
35	Captan	0.005	103	Ditalimfos	0.005	171	Kresoxim-methyl	0.005	237	Pyrifenox	0.005
36	Carbaryl	0.005	104	DMST	0.005	172	lambda-Cyhalothrin	0.005	238	Pyrimethanil	0.005
37	Carboxin	0.005	105	Dodemorph	0.005	173	Lindane	0.005	239	Pyriproxyfen	0.005
38	Chinomethionat	0.005	106	Edifenphos	0.005	174	Malaoxon	0.005	240	Pyroquilon	0.005
39	Chlorbenside	0.005	107	Endosulfan alpha	0.005	175	Malathion	0.005	241	Quinalphos	0.005
40	Chlorbufam	0.005	108	Endosulfan beta	0.005	176	Mecarbam	0.005	242	Quinoxifen	0.005
41	Chlordane, -cis	0.01	109	Endosulfan sulphate	0.005	177	Mepanipyrim	0.005	243	Quintozene	0.005
42	Chlordane, -trans	0.01	110	Endrin	0.005	178	Mepronil	0.005	244	Resmethrin	0.005
43	Chlorfenapyr	0.005	111	EPN	0.005	179	Metalaxyl	0.005	245	Simazine	0.01
44	Chlorfenson	0.005	112	Epoxiconazole	0.005	180	Metazachlor	0.005	246	Spiromesifen	0.005
45	Chlorfenvinphos	0.005	113	Esfenvalerate	0.005	181	Metconazole	0.005	247	Sulfotep	0.005
46	Chlormephos	0.005	114	Etaconazole	0.005	182	Methacrifos	0.005	248	tau-Fluvalinate	0.005
47	Chlorobenzilate	0.005	115	Ethalfuralin	0.005	183	Methidathion	0.005	249	Tebuconazole	0.005
48	Chloropropylate	0.005	116	Ethion	0.005	184	Methoxychlor	0.005	250	Tebufenpyrad	0.005
49	Chlorpropham	0.005	117	Ethofumesate	0.005	185	Metolachlor	0.005	251	Tecnazene	0.005
50	Chlorpyrifos	0.005	118	Ethoprophos	0.005	186	Metribuzin	0.005	252	Tefluthrin	0.005
51	Chlorpyrifos-methyl	0.005	119	Ethoxyquin	0.005	187	Mevinphos	0.005	253	Terbacil	0.005
52	Chlorthal-dimethyl	0.005	120	Etofenprox	0.005	188	Myclobutanil	0.005	254	Terbufos	0.001
53	Chlorthion	0.005	121	Etrifos	0.005	189	Nitralin	0.005	255	Terbutryn	0.005
54	Chlorthiophos	0.005	122	Fenamiphos	0.005	190	Nitrapyrin	0.005	256	Tetrachlorvinphos	0.005
55	Clodinafop propargyl	0.005	123	Fenarimol	0.005	191	Nitrofen	0.001	257	Tetraconazole	0.005
56	Clomazone	0.005	124	Fenazaquin	0.005	192	Nitrothial isopropyl	0.005	258	Tetraflon	0.005
57	Coumaphos	0.005	125	Fenbuconazole	0.005	193	Nuarimol	0.005	259	Tetrahydrophthalimide	0.005
58	Crimidine	0.005	126	Fenchlorphos	0.005	194	Oxadixyl	0.005	260	Tetramethrin	0.005
59	Cyanazine	0.005	127	Fenhexamid	0.005	195	Oxyfluorfen	0.005	261	Thiobencarb	0.01
60	Cyanophenphos	0.005	128	Fenitrothion	0.005	196	Paclobutrazol	0.005	262	Tolclofos-methyl	0.005
61	Cyanophos	0.005	129	Fenoxycarb	0.005	197	Parathion	0.005	263	Triadimefon	0.005
62	Cycloate	0.005	130	Fenpropathrin	0.005	198	Parathion-methyl	0.005	264	Triadimenol	0.005
63	Cyfluthrin	0.005	131	Fenpropidin	0.005	199	Penconazole	0.005	265	Tri-allate	0.005
64	Cypermethrin	0.005	132	Fenpropimorph	0.005	200	Pencycuron	0.005	266	Triazophos	0.005
65	Cyprazine	0.01	133	Fenpyrazamine	0.01	201	Pendimethalin	0.005	267	Trifloxystrobin	0.005
66	Cyproconazole	0.005	134	Fenthion	0.005	202	Pentachloroaniline	0.01	268	Triflumizole	0.005
67	Cyprodinil	0.005	135	Fenvalerate	0.005				269	Trifluralin	0.005
68	DDD-o,p'	0.005	136	Fipronil	0.0025				270	Vindozolin	0.005



Table 1f. GC-MS/MS - SANTE: group 8 (e.g. milk and dairy products, yogurts, cream, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Acetochlor	0.01	71	Demeton-S	0.005	141	Flurtamone	0.01	209	Phorate sulfone	0.01
2	Acrinathrin	0.01	72	Desmetryn	0.01	142	Flusilazole	0.01	210	Phorate sulfoxide	0.01
3	Alachlor	0.01	73	Dialifos	0.01	143	Flutianil	0.01	211	Phosalone	0.01
4	Aldrin	0.005	74	Diazinon	0.01	144	Flutriafol	0.01	212	Phosmet	0.01
5	Ametryn	0.01	75	Dichlobenil	0.01	145	Folpet	0.01	213	Phosphamidon	0.01
6	Aminocarb	0.01	76	Dichlofenthion	0.01	146	Fonofos	0.01	214	Phthalimide	0.01
7	Anthraquinone	0.01	77	Dichlofuanid	0.01	147	Formothion	0.01	215	Picolinafen	0.01
8	Atrazine	0.01	78	Dichlorobenzamide, 2,6-	0.01	148	Furalaxyl	0.01	216	Picoxystrobin	0.01
9	Azaconazole	0.01	79	Dichlorobenzophenone-p,p	0.01	149	Furathiocarb	0.01	217	Piperonyl butoxide	0.01
10	Azinphos ethyl	0.01	80	Dichlorvos	0.01	150	Gamma-cyhalothrin	0.01	218	Piperophos	0.01
11	Azoxystrobin	0.01	81	Diclobutrazol	0.01	151	Halfenprox	0.01	219	Pirimicarb	0.01
12	Beflubutamid	0.01	82	Dicloran	0.01	152	Heptachlor	0.01	220	Pirimicarb desmethyl	0.01
13	Benalaxyl	0.01	83	Dicofol	0.01	153	Heptachlor cis-epoxid	0.01	221	Pirimiphos-ethyl	0.01
14	Benfluralin	0.01	84	Dieldrin	0.005	154	Heptachlor trans-epoxid	0.01	222	Pirimiphos-methyl	0.01
15	Bifenazate	0.01	85	Difenoconazole	0.01	155	Heptenophos	0.01	223	Procymidone	0.01
16	Bifenazate diazene	0.01	86	Dimethachlor	0.01	156	Hexachlorobenzene	0.002	224	Profenofos	0.01
17	Bifenox	0.01	87	Dimethoate	0.01	157	Hexachlorocyclohexane	0.01	225	Profluralin	0.01
18	Bifenthrin	0.01	88	Dimethomorph	0.01		(HCH), alpha		226	Prometon	0.01
19	Biphenyl	0.01	89	Dimoxystrobin	0.01	158	Hexachlorocyclohexane	0.01	227	Prometryn	0.01
20	Bitertanol	0.01	90	Diniconazole	0.01		(HCH), beta		228	Propachlor	0.01
21	Boscalid	0.01	91	Dioxabenzofos	0.01	159	Hexaconazole	0.01	229	Propargite	0.01
22	Bromfenvinphos	0.01	92	Dioxacarb	0.01	160	Imazalil	0.01	230	Propazine	0.01
23	Bromocyclen	0.01	93	Dioxathion	0.01	161	Iodofenphos	0.01	231	Propetamphos	0.01
24	Bromophos	0.01	94	Diphenylamine	0.01	162	Iprobenfos	0.01	232	Propham	0.01
25	Bromophos-ethyl	0.01	95	Disulfoton	0.005	163	Iprodione	0.01	233	Propiconazole	0.01
26	Bromopropylate	0.01	96	Disulfoton sulfon	0.005	164	Isocarbophos	0.01	234	Propyzamide	0.01
27	Bupirimate	0.01	97	Disulfoton sulfoxide	0.005	165	Isofenphos	0.01	235	Prothioconazole destio	0.01
28	Buprofezin	0.01	98	Ditalimfos	0.01	166	Isofenphos-methyl	0.01	236	Prothiofos	0.01
29	Butachlor	0.01	99	Dodemorph	0.01	167	Isofetamid	0.01	237	Pyraclostrobin	0.01
30	Butafenacil	0.01	100	Edifenphos	0.01	168	Kresoxim-methyl	0.01	238	Pyrazophos	0.01
31	Butylate	0.01	101	Endosulfan alpha	0.01	169	lambda-Cyhalothrin	0.01	239	Pyridaben	0.01
32	Captan	0.01	102	Endosulfan beta	0.01	170	Lindane	0.01	240	Pyridalyl	0.01
33	Carboxin	0.01	103	Endosulfan sulphate	0.01	171	Malaoxon	0.01	241	Pyridaphenthion	0.01
34	Chinomethionat	0.005	104	Endrin	0.01	172	Malathion	0.01	242	Pyrifeno	0.01
35	Chlorbenside	0.01	105	Endrin keton	0.01	173	Mandestrobin	0.01	243	Pyrimethanil	0.01
36	Chlordane, -cis	0.005	106	EPN	0.01	174	Mepanipyrim	0.01	244	Pyriofenone	0.01
37	Chlordane, -oxy	0.01	107	Epoxiconazole	0.002	175	Mepronil	0.01	245	Pyriproxyfen	0.01
38	Chlordane, -trans	0.01	108	Esfenvalerate	0.01	176	Metalaxyl	0.01	246	Pyroquilon	0.01
39	Chlorfenapyr	0.01	109	Etaconazole	0.01	177	Metazachlor	0.01	247	Quinalphos	0.01
40	Chlorfenson	0.01	110	Ethalfuralin	0.01	178	Metconazole	0.01	248	Quinoxifen	0.01
41	Chlorfenvinphos	0.01	111	Ethion	0.01	179	Methacrifos	0.01	249	Quintozene	0.01
42	Chlormephos	0.01	112	Ethofumesate	0.01	180	Methidathion	0.01	250	Resmethrin	0.01
43	Chlorobenzilate	0.01	113	Ethofumesate, -2-keto	0.01	181	Methoxychlor	0.01	251	Silafluofen	0.01
44	Chloropropylate	0.01	114	Ethoprophos	0.01	182	Metolachlor	0.01	252	Simazine	0.01
45	Chlorpropham	0.01	115	Etofenprox	0.01	183	Metolachlor-S	0.01	253	Spiromesifen	0.01
46	Chlorpyrifos	0.01	116	Etrimfos	0.01	184	Metribuzin	0.01	254	Sulfotep	0.01
47	Chlorpyrifos-methyl	0.01	117	Fenamiphos	0.01	185	Mevinphos	0.01	255	tau-Fluvalinate	0.01
48	Chlorthal-dimethyl	0.01	118	Fenarimol	0.01	186	Molinate	0.01	256	Tebuconazole	0.01
49	Chlorthion	0.01	119	Fenazaquin	0.01	187	Myclobutanil	0.01	257	Tebufenpyrad	0.01
50	Chlorthiophos	0.01	120	Fenbuconazole	0.01	188	Nitratin	0.01	258	Tecnazene	0.01
51	Clodinafop propargyl	0.01	121	Fenchlorphos	0.01	189	Nitrapyrin	0.01	259	Tefluthrin	0.01
52	Clomazone	0.005	122	Fenhexamid	0.01	190	Nitrofen	0.01	260	Terbacil	0.01
53	Coumaphos	0.01	123	Fenitrothion	0.01	191	Nitrothal isopropyl	0.01	261	Terbufos	0.002
54	Crimidine	0.01	124	Fenpropathrin	0.01	192	Nuarimol	0.01	262	Terbutryn	0.01
55	Cyanophenphos	0.01	125	Fenpropimorph	0.01	193	Oxadiazon	0.01	263	Tetrachlorvinphos	0.01
56	Cyanophos	0.01	126	Fenpyrazamine	0.01	194	Oxadixyl	0.01	264	Tetraconazole	0.01
57	Cycloate	0.01	127	Fenthion	0.01	195	Oxyfluorfen	0.01	265	Tetradifon	0.01
58	Cyfluthrin	0.01	128	Fenvalerate	0.01	196	Paclobutrazol	0.01	266	Tetrahydrophthalimide	0.01
59	Cypermethrin	0.01	129	Fipronil	0.005	197	Parathion	0.01	267	Tetramethrin	0.01
60	Cyprazine	0.01	130	Fipronil desulfinyl	0.005	198	Parathion-methyl	0.01	268	Tetrasul	0.01
61	Cyproconazole	0.01	131	Fipronil sulfon	0.005	199	Penconazole	0.01	269	Thiobencarb	0.01
62	Cyprodinil	0.01	132	Fluchloralin	0.01	200	Pencycuro	0.01	270	Tolclofos-methyl	0.01
63	DDD-o,p'	0.01	133	Flucythrinate	0.01	201	Pendimethalin	0.01	271	Triadimefon	0.01
64	DDD-p,p'	0.01	134	Fludioxonil	0.01	202	Penflufen	0.01	272	Triadimenol	0.01
65	DDE-o,p'	0.01	135	Fluensulfone	0.01	203	Pentachloroaniline	0.01	273	Tri-allate	0.01
66	DDE-p,p'	0.01	136	Flumetralin	0.01	204	Permethrin	0.01	274	Triazophos	0.01
67	DDM	0.01	137	Fluorodifen	0.01	205	Perthane (Ethylan)	0.01	275	Trifloxystrobin	0.01
68	DDT-o,p'	0.01	138	Fluotrimazole	0.01	206	Pethoxamid	0.01	276	Triflumizole	0.01
69	DDT-p,p'	0.01	139	Fluquinconazole	0.01	207	Phenthoate	0.01	277	Trifluralin	0.01
70	Deltamethrin	0.01	140	Flurprimidol	0.01	208	Phorate	0.01	278	Vinclozolin	0.01



Table 2a. LC-MS/MS - SANTE: groups 1, 2, 3 (e.g. fruits, vegetables, mushrooms, juices, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Abamectin	0.01	64	Disulfoton	0.01	127	Isoprocarb	0.01	190	Proquinazid	0.005
2	Acephate	0.01	65	Disulfoton sulfon	0.005	128	Isoprothiolane	0.01	191	Prosulfocarb	0.005
3	Acetamiprid	0.005	66	Disulfoton sulfoxide	0.005	129	Isoproturon	0.005	192	Prosulfuron	0.005
4	Acionifen	0.01	67	Diuron	0.01	130	Isopyrazam	0.005	193	Pymetrozine	0.02
5	Aldicarb	0.01	68	DMF	0.005	131	Isoxaben	0.005	194	Pyridaben	0.005
6	Aldicarb sulfone	0.01	69	DMPF	0.005	132	Isoxaflutole	0.005	195	Pyridafol	0.01
7	Aldicarb sulfoxide	0.01	70	Emamectin B1a	0.01	133	Isoxathion	0.005	196	Pyrifenoxy	0.01
8	Ametoctradin	0.005	71	Emamectin B1b	0.01	134	Lenacil	0.01	197	Pyriproxyfen	0.01
9	Amidosulfuron	0.005	72	Ethametsulfuron-methyl	0.005	135	Linuron	0.005	198	Pyroquilon	0.01
10	Amisulbrom	0.01	73	Ethiofencarb	0.01	136	Lufenuron	0.01	199	Pyroxulam	0.005
11	Azadirachtin	0.01	74	Ethirimol	0.01	137	Malaaxon	0.005	200	Quinclorac	0.01
12	Aziprotryne	0.01	75	Etoxadole	0.005	138	Malathion	0.01	201	Quinoclamine	0.01
13	Azoxystrobin	0.005	76	Famoxadone	0.01	139	Mandipropamid	0.005	202	Quizalofop-ethyl	0.005
14	BAC C10	0.01	77	Fenamidone	0.005	140	Metaflumizone	0.01	203	Rimsulfuron	0.01
15	BAC C12	0.01	78	Fenamiphos	0.005	141	Metaxyl	0.005	204	Rotenone	0.01
16	BAC C14	0.01	79	Fenamiphos sulfoxide	0.005	142	Metamitron	0.01	205	Saflufenacil	0.005
17	BAC C8	0.01	80	Fenamiphos sulphone	0.005	143	Metazachlor	0.01	206	Silthiofom	0.005
18	Beflubutamid	0.01	81	Fenbuconazole	0.005	144	Methamidophos	0.01	207	Spinetoram C42	0.01
19	Bendiocarb	0.01	82	Fenfuram	0.01	145	Methiocarb	0.005	208	Spinetoram C43	0.01
20	Benthiavdicarb isopropyl	0.01	83	Fenhexamid	0.01	146	Methiocarb sulphone	0.01	209	Spinosyn A	0.005
21	Benzovindiflupyr	0.005	84	Fenobucarb	0.01	147	Methiocarb sulphoxide	0.005	210	Spinosyn D	0.005
22	Bixafen	0.01	85	Fenoxaprop-P-ethyl	0.005	148	Methomyl	0.01	211	Spirodiclofen	0.005
23	Boscalid	0.005	86	Fenpropidin	0.01	149	Methoprottryne	0.01	212	Spirotetramat	0.005
24	Bromacil	0.01	87	Fenpropimorph	0.005	150	Methoxyfenozide	0.005	213	Spirotetramat enol	0.005
25	Bromuconazole	0.01	88	Fenpyroximate	0.005	151	Metobromuron	0.01	214	Spirotetramat enol-glucoside	0.005
26	Cadusafos	0.0025	89	Fensulfothion	0.0025	152	Metolachlor-S	0.005	215	Spirotetramat ketohydroxy	0.005
27	Carbaryl	0.005	90	Fensulfothion oxon	0.0025	153	Metosulam	0.01	216	Spirotetramat monohydroxy	0.005
28	Carbendazim	0.005	91	Fensulfothion oxon sulphone	0.0025	154	Metoxuron	0.01	217	Spiroxamine	0.005
29	Carbetamide	0.01	92	Fensulfothion sulphone	0.0025	155	Metrafenone	0.005	218	Sulfometuron methyl	0.005
30	Carbofuran	0.005	93	Fenthion	0.01	156	Metsulfuron-methyl	0.005	219	Sulfosulfuron	0.01
31	Carbofuran 3-hydroxy	0.005	94	Fenthion oxon	0.01	157	Monocrotophos	0.005	220	Sulfoxaflor	0.01
32	Carbofuran 3-keto	0.01	95	Fenthion oxon sulphone	0.01	158	Monuron	0.01	221	Tebuconazole	0.01
33	Carfentrazone-ethyl	0.01	96	Fenthion sulfoxide	0.01	159	Napropamide	0.005	222	Tebufenozide	0.005
34	Chlorantraniliprole	0.005	97	Fenthion sulphone	0.01	160	Nicosulfuron	0.005	223	Tebufenpyrad	0.005
35	Chloridazon	0.005	98	Flazasulfuron	0.005	161	Nicotine	0.01	224	Teflubenzuron	0.01
36	Chlorotoluron	0.005	99	Flonicamid	0.005	162	Nitenpyram	0.01	225	Tepraloxydim	0.01
37	Chlorpyrifos	0.01	100	Florasulam	0.01	163	Novaluron	0.005	226	Terbufos	0.01
38	Chlorsulfuron	0.005	101	Flufenacet	0.005	164	Omethoate	0.0025	227	Terbufos oxon	0.01
39	Chromafenozide	0.01	102	Flufenoxuron	0.005	165	Oxadixyl	0.005	228	Terbufos sulphone	0.01
40	Clodinafop propargyl	0.01	103	Fluopicolide	0.005	166	Oxamyl	0.005	229	Terbufos sulphoxide	0.005
41	Clofentezine	0.005	104	Fluopyram	0.005	167	Oxycarboxin	0.01	230	Terbutylazine	0.005
42	Clothianidin	0.01	105	Fluoxastrobin	0.005	168	Paraaxon-methyl	0.005	231	Thiabendazole	0.005
43	Cyantraniliprole	0.01	106	Flupyradifurone	0.01	169	Parathion	0.01	232	Thiacloprid	0.005
44	Cyazofamid	0.005	107	Flurochloridone	0.01	170	Parathion-methyl	0.01	233	Thiamethoxam	0.005
45	Cycloxydim	0.01	108	Flutianil	0.01	171	Pencycuron	0.005	234	Thiencarbazone-methyl	0.005
46	Cyflufenamid	0.005	109	Flutolanil	0.005	172	Pendimethalin	0.005	235	Thifensulfuron-methyl	0.01
47	Cyflumetofen	0.005	110	Flutriafol	0.01	173	Pentflufen	0.01	236	Thiodicarb	0.005
48	Cymiazol	0.01	111	Fluxapyroxad	0.01	174	Penthiopyrad	0.01	237	Thiometon	0.01
49	Cymoxanil	0.005	112	Foramsulfuron	0.005	175	Pethoxamid	0.01	238	Thiophanate-methyl	0.005
50	Cyproconazole	0.01	113	Formetanate	0.01	176	Phenmedipham	0.01	239	Tolfenpyrad	0.01
51	DDAC C8	0.01	114	Fosthiazate	0.01	177	Phenthoate	0.005	240	Topramezone	0.01
52	DEET	0.01	115	Fuberidazole	0.005	178	Phosmet	0.005	241	Tralkoxydim	0.01
53	Demeton-S-methyl	0.0025	116	Halofenozide	0.01	179	Phosmet oxon	0.01	242	Trichlorfon	0.01
54	Demeton-S-methyl sulphone	0.0025	117	Hexaflumuron	0.005	180	Phoxim	0.01	243	Tricyclazole	0.01
55	Demeton-S-methyl sulphoxide	0.0025	118	Hexythiazox	0.005	181	Pinoxaden	0.005	244	Tridemorph	0.01
56	Desmedipham	0.01	119	Imazalil	0.01	182	Piperonyl butoxide	0.01	245	Trifluralin	0.01
57	Dicrotophos	0.01	120	Imazapic	0.01	183	Prochloraz	0.005	246	Trifluralin	0.01
58	Diethofencarb	0.005	121	Imidacloprid	0.01	184	Prochloraz BTS 44595	0.01	247	Trifluralin methyl	0.01
59	Diflubenzuron	0.005	122	Indoxacarb	0.005	185	Prochloraz BTS 44596	0.01	248	Triticonazole	0.01
60	Diflufenican	0.01	123	Iodosulfuron methyl	0.01	186	Propamocarb	0.005	249	Tritosulfuron	0.01
61	Dimethenamid	0.005	124	Ipcnazole	0.01	187	Propaquizafop	0.005	250	Zoxamide	0.005
62	Dimethoate	0.005	125	Iprovalicarb	0.005	188	Propoxur	0.01			
63	Dinotefuran	0.01	126	Isofetamid	0.01	189	Propoxycarbazon	0.01			



Table 2b. LC-MS/MS - SANTE: group 4 (e.g. rapeseed, soybeans, nuts, oilseeds, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Abamectin	0.01	62	Disulfoton sulfon	0.01	123	Isoprocarb	0.01	184	Prosulfocarb	0.01
2	Acephate	0.01	63	Disulfoton sulfoxide	0.01	124	Isoprothiolane	0.01	185	Prosulfuron	0.01
3	Acetamiprid	0.01	64	Diuron	0.01	125	Isoproturon	0.01	186	Pymetrozine	0.01
4	Acionifen	0.01	65	DMF	0.01	126	Isoprazam	0.01	187	Pyridaben	0.01
5	Aldicarb	0.01	66	DMPF	0.01	127	Isoxaben	0.01	188	Pyridafol	0.01
6	Aldicarb sulfone	0.01	67	Emamectin B1a	0.01	128	Isoxaflutole	0.01	189	Pyrifenoxy	0.01
7	Aldicarb sulfoxide	0.01	68	Emamectin B1b	0.01	129	Isoxathion	0.01	190	Pyriproxyfen	0.01
8	Ametoctradin	0.01	69	Ethametsulfuron-methyl	0.01	130	Lenacil	0.01	191	Pyroquilon	0.01
9	Amidosulfuron	0.01	70	Ethiofencarb	0.01	131	Linuron	0.01	192	Pyroxulam	0.01
10	Amisulbrom	0.01	71	Ethirimol	0.01	132	Lufenuron	0.01	193	Quinodamine	0.1
11	Azadirachtin	0.01	72	Etiozazole	0.01	133	Malaoxon	0.01	194	Quizalofop-ethyl	0.01
12	Aziprotryne	0.01	73	Famoxadone	0.01	134	Malathion	0.01	195	Rimsulfuron	0.01
13	Azoxystrobin	0.01	74	Fenamidone	0.01	135	Mandipropamid	0.01	196	Rotenone	0.01
14	BAC C10	0.01	75	Fenamiphos	0.01	136	Metaflumizone	0.01	197	Saflufenacil	0.01
15	BAC C8	0.01	76	Fenamiphos sulfoxide	0.01	137	Metalaxyl	0.01	198	Silthiofam	0.01
16	Beflubutamid	0.01	77	Fenamiphos sulphone	0.01	138	Metamitron	0.01	199	Spinetoram C42	0.01
17	Bendiocarb	0.01	78	Fenbuconazole	0.01	139	Metazachlor	0.01	200	Spinetoram C43	0.01
18	Benthiavalicarb isopropyl	0.01	79	Fenfuram	0.01	140	Methamidophos	0.01	201	Spinosyn A	0.01
19	Benzovindiflupyr	0.01	80	Fenhexamid	0.01	141	Methiocarb	0.01	202	Spinosyn D	0.01
20	Bixafen	0.01	81	Fenobucarb	0.01	142	Methiocarb sulphone	0.01	203	Spirodiclofen	0.01
21	Boscalid	0.01	82	Fenoxaprop-P-ethyl	0.01	143	Methiocarb sulfoxide	0.01	204	Spirotetramat	0.01
22	Bromacil	0.01	83	Fenpropidin	0.01	144	Methomyl	0.01	205	Spirotetramat enol	0.01
23	Bromuconazole	0.01	84	Fenpropimorph	0.01	145	Methoprotbyrne	0.01	206	Spirotetramat enol-glucoside	0.01
24	Cadusafos	0.01	85	Fenpyroximate	0.01	146	Methoxyfenozide	0.01	207	Spirotetramat ketohydroxy	0.01
25	Carbaryl	0.01	86	Fensulfothion	0.01	147	Metobromuron	0.01	208	Spirotetramat monohydroxy	0.01
26	Carbendazim	0.01	87	Fensulfothion oxon	0.01	148	Metolachlor-S	0.01	209	Spiroxamine	0.01
27	Carbetamide	0.01	88	Fensulfothion oxon sulphone	0.01	149	Metosulam	0.01	210	Sulfometuron methyl	0.005
28	Carbofuran	0.01	89	Fensulfothion sulphone	0.01	150	Metoxuron	0.01	211	Sulfosulfuron	0.01
29	Carbofuran 3-hydroxy	0.01	90	Fenthion	0.01	151	Metrafenone	0.01	212	Sulfoxaflor	0.01
30	Carbofuran 3-keto	0.01	91	Fenthion oxon	0.01	152	Metsulfuron-methyl	0.01	213	Tebuconazole	0.01
31	Carfentrazone-ethyl	0.01	92	Fenthion oxon sulphone	0.01	153	Monocrotophos	0.01	214	Tebufenozide	0.01
32	Chlorantraniliprole	0.01	93	Fenthion sulfoxide	0.01	154	Monuron	0.01	215	Tebufenpyrad	0.01
33	Chloridazon	0.01	94	Fenthion sulphone	0.01	155	Napropamide	0.01	216	Teflubenzuron	0.01
34	Chlorotoluron	0.01	95	Flonicamid	0.005	156	Nicosulfuron	0.01	217	Tepraloxymid	0.01
35	Chlorpyrifos	0.1	96	Florasulam	0.01	157	Nitenpyram	0.01	218	Terbufos	0.01
36	Chlorsulfuron	2	97	Flufenacet	0.01	158	Omethoate	0.01	219	Terbufos oxon	0.01
37	Chromafenozide	0.01	98	Flufenoxuron	0.01	159	Oxadixyl	0.01	220	Terbufos sulphone	0.01
38	Ciodinafop propargyl	0.01	99	Flupicolide	0.01	160	Oxamyl	0.01	221	Terbufos sulfoxide	0.01
39	Clofentezine	0.01	100	Fluopyram	0.01	161	Oxycarboxin	0.01	222	Terbutylazine	0.01
40	Clothianidin	0.01	101	Fluoxastrobin	0.01	162	Paraaxon-methyl	0.01	223	Thiabendazole	0.01
41	Cyantraniliprole	0.01	102	Flupyradifurone	0.01	163	Parathion	0.01	224	Thiacloprid	0.01
42	Cyazofamid	0.01	103	Flurochloridone	0.01	164	Parathion-methyl	0.01	225	Thiamethoxam	0.01
43	Cycloxydim	0.01	104	Flutianil	0.01	165	Pencycuron	0.01	226	Thiencarbazone-methyl	0.01
44	Cyflufenamid	0.01	105	Flutolanil	0.01	166	Pendimethalin	0.01	227	Thifensulfuron-methyl	0.01
45	Cyflumetofen	0.01	106	Flutriafol	0.01	167	Penthiopyrad	0.01	228	Thiometon	0.01
46	Cymiazol	0.01	107	Fluxapyroxad	0.01	168	Pethoxamid	0.01	229	Thiophanate-methyl	0.01
47	Cymoxanil	0.01	108	Foramsulfuron	0.01	169	Phenmedipham	0.01	230	Tolfenpyrad	0.01
48	Cyproconazole	0.01	109	Formetanate	0.01	170	Phenthoate	0.01	231	Topramezone	0.01
49	DEET	0.01	110	Fosthiazate	0.01	171	Phosmet	0.01	232	Tralkoxydim	0.01
50	Demeton-S-methyl	0.01	111	Fuberidazole	0.01	172	Phosmet oxon	0.01	233	Trichlorfon	0.01
51	Demeton-S-methyl sulphone	0.01	112	Halofenozide	0.01	173	Phoxim	0.01	234	Tricyclazole	0.01
52	Demeton-S-methyl sulfoxide	0.01	113	Hexaflumuron	0.01	174	Pinoxaden	0.01	235	Tridemorph	0.01
53	Desmedipham	0.01	114	Hexythiazox	0.01	175	Piperonyl butoxide	0.01	236	Triflumizole	0.01
54	Diclotophos	0.01	115	Imazali	0.01	176	Prochloraz	0.01	237	Triflufuron	0.01
55	Diethofencarb	0.01	116	Imazapic	0.01	177	Prochloraz BTS 44595	0.01	238	Triflufuron methyl	0.01
56	Diffubenzuron	0.01	117	Imidacloprid	0.01	178	Prochloraz BTS 44596	0.01	239	Triticonazole	0.01
57	Diffufenican	0.01	118	Indoxacarb	0.01	179	Propamocarb	0.01	240	Tritosulfuron	0.01
58	Dimethenamid	0.01	119	Iodosulfuron methyl	0.01	180	Propaquizafop	0.01	241	Zoxamide	0.01
59	Dimethoate	0.01	120	Ipcnazole	0.01	181	Propoxur	0.01			
60	Dinotefuran	0.01	121	Iprovalicarb	0.01	182	Propoxycarbazona	0.01			
61	Disulfoton	0.01	122	Isofetamid	0.01	183	Proquinazid	0.01			



Table 2c. LC-MS/MS - SANTE: group 5 (e.g. cereals, flour, dried beans, bread, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Abamectin	0.005	61	Disulfoton sulfoxide	0.005	121	Isofetamid	0.01	181	Propoxur	0.005
2	Acephate	0.005	62	Diuron	0.005	122	Isoprocab	0.005	182	Propoxycarbazon	0.005
3	Acetamiprid	0.005	63	DMF	0.005	123	Isoprothiolane	0.005	183	Proquinazid	0.005
4	Acionifen	0.005	64	DMPP	0.005	124	Isoproturon	0.005	184	Prosulfocarb	0.005
5	Aldicarb	0.005	65	Emamectin B1a	0.005	125	Isoprazam	0.005	185	Prosulfuron	0.01
6	Aldicarb sulfone	0.005	66	Emamectin B1b	0.005	126	Isoxaben	0.01	186	Pymetrozine	0.01
7	Aldicarb sulfoxide	0.005	67	Ethametsulfuron-methyl	0.01	127	Isoxaflutole	0.01	187	Pyridaben	0.005
8	Ametoctradin	0.005	68	Ethiofencarb	0.005	128	Isoxathion	0.01	188	Pyrifeno	0.005
9	Amidosulfuron	0.005	69	Ethirimol	0.005	129	Lenacil	0.005	189	Pyriproxyfen	0.005
10	Amisulbrom	0.005	70	Etozazole	0.005	130	Linuron	0.005	190	Pyroquilon	0.005
11	Azadirachtin	0.01	71	Famoxadone	0.005	131	Lufenuron	0.005	191	Pyroxsulam	0.01
12	Aziprotryne	0.005	72	Fenamidone	0.005	132	Malaoxon	0.005	192	Quinoclamine	0.005
13	Azoxystrobin	0.005	73	Fenamiphos	0.005	133	Malathion	0.005	193	Quizalofop-ethyl	0.005
14	Beflubutamid	0.005	74	Fenamiphos sulfoxide	0.005	134	Mandipropamid	0.005	194	Rotenone	0.01
15	Bendiocarb	0.005	75	Fenamiphos sulphone	0.005	135	Metaflumizone	0.01	195	Saflufenacil	0.01
16	Benthiavalcab isopropyl	0.005	76	Fenbuconazole	0.005	136	Metaxyl	0.005	196	Silthiofam	0.005
17	Benzovindiflupyr	0.01	77	Fenfuram	0.005	137	Metamitron	0.01	197	Spinetoram C42	0.005
18	Bixafen	0.005	78	Fenhexamid	0.01	138	Metazachlor	0.01	198	Spinetoram C43	0.005
19	Boscalid	0.005	79	Fenobucarb	0.005	139	Methamidophos	0.005	199	Spinosyn A	0.005
20	Bromacil	0.01	80	Fenoxaprop-P-ethyl	0.005	140	Methiocarb	0.005	200	Spinosyn D	0.005
21	Bromuconazole	0.005	81	Fenpropidin	0.005	141	Methiocarb sulphone	0.005	201	Spirodiclofen	0.005
22	Cadusafos	0.0025	82	Fenpropimorph	0.005	142	Methiocarb sulfoxide	0.005	202	Spirotetramat	0.005
23	Carbaryl	0.005	83	Fenpyroximate	0.005	143	Methomyl	0.005	203	Spirotetramat enol	0.01
24	Carbendazim	0.005	84	Fensulfthion	0.0025	144	Methoprotrotryne	0.01	204	Spirotetramat enol-glucoside	0.005
25	Carbetamide	0.005	85	Fensulfthion oxon	0.0025	145	Methoxyfenozide	0.005	205	Spirotetramat ketohydroxy	0.005
26	Carbofuran	0.005	86	Fensulfthion oxon sulphone	0.0025	146	Metobromuron	0.01	206	Spirotetramat monohydroxy	0.005
27	Carbofuran 3-hydroxy	0.005	87	Fensulfthion sulphone	0.0025	147	Metolachlor-S	0.005	207	Spiroxamine	0.005
28	Carbofuran 3-keto	0.005	88	Fenthion	0.005	148	Metoxuron	0.005	208	Sulfometuron methyl	0.005
29	Carfentrazon-ethyl	0.01	89	Fenthion oxon	0.01	149	Metrafenone	0.005	209	Sulfosulfuron	0.005
30	Chlorantraniliprole	0.005	90	Fenthion oxon sulphone	0.01	150	Metsulfuron-methyl	0.005	210	Sulfoxaflor	0.01
31	Chloridazon	0.005	91	Fenthion sulfoxide	0.005	151	Monocrotophos	0.005	211	Tebuconazole	0.005
32	Chlorotoluron	0.005	92	Fenthion sulphone	0.01	152	Monuron	0.005	212	Tebufenozide	0.005
33	Chlorpyrifos	0.005	93	Flazasulfuron	0.01	153	Napropamide	0.005	213	Tebufenpyrad	0.005
34	Chlorsulfuron	0.005	94	Flonicamid	0.005	154	Nicosulfuron	0.01	214	Teflubenzuron	0.005
35	Chlorantraniliprole	0.005	95	Florasulam	0.01	155	Nitenpyram	0.01	215	Tepaloxymid	0.005
36	Clodinafop propargyl	0.01	96	Flufenacet	0.005	156	Novaluron	0.01	216	Terbufos	0.005
37	Clofentezine	0.005	97	Flufenoxuron	0.005	157	Omethoate	0.0025	217	Terbufos oxon	0.01
38	Clothianidin	0.01	98	Fluopicolide	0.005	158	Oxadixyl	0.005	218	Terbufos sulphone	0.005
39	Cyantraniliprole	0.01	99	Fluopyram	0.005	159	Oxamyl	0.005	219	Terbufos sulfoxide	0.005
40	Cyazofamid	0.005	100	Fluoxastrobin	0.005	160	Oxycarboxin	0.005	220	Terbutylazine	0.005
41	Cycloxydim	0.01	101	Flupyradifurone	0.01	161	Paraaxon-methyl	0.005	221	Thiabendazole	0.005
42	Cyflufenamid	0.005	102	Flurochloridone	0.005	162	Parathion	0.005	222	Thiacloprid	0.005
43	Cyflumetofen	0.01	103	Flutianil	0.01	163	Parathion-methyl	0.005	223	Thiamethoxam	0.005
44	Cymiazol	0.005	104	Flutolanil	0.005	164	Pencycuron	0.005	224	Thiencazone-methyl	0.01
45	Cymoxanil	0.005	105	Flutriafol	0.005	165	Pendimethalin	0.005	225	Thifensulfuron-methyl	0.005
46	Cyproconazole	0.005	106	Fluxapyroxad	0.005	166	Penflufen	0.01	226	Thiodicarb	0.01
47	DEET	0.005	107	Foramsulfuron	0.01	167	Penthiopyrad	0.005	227	Thiometon	0.005
48	Demeton-S-methyl	0.0025	108	Formetanate	0.005	168	Pethoxamid	0.005	228	Thiophanate-methyl	0.005
49	Demeton-S-methyl sulphone	0.0025	109	Fosthiazate	0.005	169	Phenmedipham	0.005	229	Tolfenpyrad	0.01
50	Demeton-S-methyl sulfoxide	0.0025	110	Fluberidazole	0.005	170	Phenthoate	0.005	230	Topramezone	0.01
51	Desmedipham	0.005	111	Halofenozide	0.01	171	Phosmet	0.005	231	Tralkoxydim	0.005
52	Diclotophos	0.005	112	Hexaflumuron	0.01	172	Phosmet oxon	0.01	232	Trichlorfon	0.005
53	Diethofencarb	0.005	113	Hexythiazox	0.005	173	Phoxim	0.005	233	Tricyclazole	0.005
54	Diflufenzuron	0.005	114	Imazalil	0.005	174	Pinoxaden	0.005	234	Tridemorph	0.01
55	Diflufenican	0.005	115	Imazapic	0.01	175	Piperonyl butoxide	0.005	235	Triflumizole	0.01
56	Dimethenamid	0.005	116	Imidacloprid	0.005	176	Prochloraz	0.005	236	Trifluralin	0.01
57	Dimethoate	0.005	117	Indoxacarb	0.005	177	Prochloraz BTS 44595	0.005	237	Triflurosulfuron methyl	0.005
58	Dinotefuran	0.01	118	Iodosulfuron methyl	0.01	178	Prochloraz BTS 44596	0.005	238	Triticonazole	0.005
59	Disulfoton	0.01	119	Ipronazole	0.005	179	Propamocarb	0.005	239	Tritosulfuron	0.01
60	Disulfoton sulfon	0.005	120	Iprovalicarb	0.005	180	Propaquizafop	0.005	240	Zoxamide	0.005



Table 2d. LC-MS/MS - SANTE: group 6 (e.g. cocoa, teas, spices, dried herbs, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Abamectin	0.01	60	Disulfoton	0.01	119	Isofetamid	0.01	178	Propaquizafop	0.01
2	Acephate	0.01	61	Disulfoton sulfon	0.01	120	Isoprocarb	0.01	179	Propoxur	0.01
3	Acetamiprid	0.01	62	Disulfoton sulfoxide	0.01	121	Isoprothiolane	0.01	180	Propoxycarbazono	0.01
4	Aclonifen	0.01	63	Diuron	0.01	122	Isoproturon	0.01	181	Proquinazid	0.01
5	Aldicarb	0.01	64	DMF	0.01	123	Isoprazam	0.01	182	Prosulfocarb	0.01
6	Aldicarb sulfone	0.01	65	DMPF	0.01	124	Isoxaben	0.01	183	Prosulfuron	0.01
7	Aldicarb sulfoxide	0.01	66	Emamectin B1a	0.01	125	Isoxaflutole	0.01	184	Pyridaben	0.01
8	Ametoctradin	0.01	67	Emamectin B1b	0.01	126	Isoxathion	0.01	185	Pyridafol	0.01
9	Amidosulfuron	0.01	68	Ethametsulfuron-methyl	0.01	127	Lenacil	0.01	186	Pyrifeno	0.01
10	Amisulbrom	0.01	69	Ethiofencarb	0.01	128	Linuron	0.01	187	Pyriproxyfen	0.01
11	Azadirachtin	0.01	70	Ethirimol	0.01	129	Lufenuron	0.01	188	Pyroquilon	0.01
12	Aziprotryne	0.01	71	Etozazole	0.01	130	Malaoxon	0.01	189	Pyroxulam	0.01
13	Azoxystrobin	0.01	72	Famoxadone	0.01	131	Malathion	0.01	190	Quinoclamine	0.01
14	BAC C10	0.01	73	Fenamidone	0.01	132	Mandipropamid	0.01	191	Quisaflofop-ethyl	0.01
15	BAC C8	0.01	74	Fenamiphos	0.01	133	Metaflumizone	0.01	192	Rimsulfuron	0.01
16	Beflubutamid	0.01	75	Fenamiphos sulfoxide	0.01	134	Metalaxyl	0.01	193	Rotenone	0.01
17	Bendiocarb	0.01	76	Fenamiphos sulphone	0.01	135	Metamitron	0.01	194	Saflufenacil	0.01
18	Benthiavalicarb isopropyl	0.01	77	Fenbuconazole	0.01	136	Metazachlor	0.01	195	Silthiofiam	0.01
19	Benzovindiflupyr	0.01	78	Fenfuram	0.01	137	Methamidophos	0.01	196	Spinetoram C42	0.01
20	Bixafen	0.01	79	Fenhexamid	0.01	138	Methiocarb	0.01	197	Spinetoram C43	0.01
21	Boscalid	0.01	80	Fenobucarb	0.01	139	Methiocarb sulphone	0.01	198	Spinosyn A	0.01
22	Bromadiolol	0.01	81	Fenoxaprop-P-ethyl	0.01	140	Methiocarb sulphoxide	0.01	199	Spinosyn D	0.01
23	Bromuconazole	0.01	82	Fenpropidin	0.01	141	Methomyl	0.01	200	Spirodiclofen	0.01
24	Cadusafos	0.01	83	Fenpropimorph	0.01	142	Methoprotrene	0.01	201	Spirotetramat	0.01
25	Carbaryl	0.01	84	Fenpyroximate	0.01	143	Methoxyfenozide	0.01	202	Spirotetramat enol	0.01
26	Carbendazim	0.01	85	Fensulfothion	0.01	144	Metobromuron	0.01	203	Spirotetramat enol-glucoside	0.01
27	Carbetamide	0.01	86	Fensulfothion oxon	0.01	145	Metolachlor-S	0.01	204	Spirotetramat ketohydroxy	0.01
28	Carbofuran	0.01	87	Fensulfothion oxon sulphone	0.01	146	Metosulam	0.01	205	Spirotetramat monohydroxy	0.01
29	Carbofuran 3-hydroxy	0.01	88	Fensulfothion sulphone	0.01	147	Metoxuron	0.01	206	Spirothiamine	0.01
30	Carbofuran 3-keto	0.01	89	Fenthion	0.01	148	Metsulfuron	0.01	207	Sulfosulfuron	0.01
31	Carfentrazone-ethyl	0.01	90	Fenthion oxon	0.01	149	Metsulfuron-methyl	0.01	208	Sulfoxaflor	0.01
32	Chlorantraniliprole	0.01	91	Fenthion oxon sulphone	0.01	150	Monocrotophos	0.01	209	Tebuconazole	0.01
33	Chloridazon	0.01	92	Fenthion sulfoxide	0.01	151	Monuron	0.01	210	Tebufenozide	0.01
34	Chlorotoluron	0.01	93	Fenthion sulphone	0.01	152	Napropamide	0.01	211	Tebufenpyrad	0.01
35	Chlorpyrifos	0.01	94	Flonicamid	0.01	153	Nicosulfuron	0.01	212	Teflubenzuron	0.01
36	Chlorsulfuron	0.01	95	Florasulam	0.01	154	Nitenpyram	0.01	213	Terbufos	0.01
37	Chromafenozide	0.01	96	Flufenacet	0.01	155	Novaluron	0.01	214	Terbufos oxon	0.01
38	Clodinafop propargyl	0.01	97	Flufenoxuron	0.01	156	Omethoate	0.01	215	Terbufos sulphone	0.01
39	Clofentezine	0.01	98	Fluopicolide	0.01	157	Oxadixyl	0.01	216	Terbufos sulphoxide	0.01
40	Clothianidin	0.01	99	Fluopyram	0.01	158	Oxamyl	0.01	217	Terbutylazine	0.01
41	Cyantraniliprole	0.01	100	Fluoxastobin	0.01	159	Oxycarboxin	0.01	218	Thiabendazole	0.01
42	Cyazofamid	0.01	101	Flupyradifurone	0.01	160	Paraaxon-methyl	0.01	219	Thiadicloprid	0.01
43	Cyflufenamid	0.01	102	Flurochloridone	0.01	161	Parathion	0.01	220	Thiamethoxam	0.01
44	Cyflumetofen	0.01	103	Flutianil	0.01	162	Parathion-methyl	0.01	221	Thiencarbazono-methyl	0.01
45	Cymiazol	0.01	104	Flutolanil	0.01	163	Pencycuron	0.01	222	Thifensulfuron-methyl	0.01
46	Cymoxanil	0.01	105	Flutriafol	0.01	164	Pendimethalin	0.01	223	Thiodicarb	0.01
47	Cyproconazole	0.01	106	Fluxapyroxad	0.01	165	Penthiopyrad	0.01	224	Thiometon	0.01
48	DDAC C8	0.01	107	Foramsulfuron	0.01	166	Pethoxamid	0.01	225	Thiophanate-methyl	0.01
49	DEET	0.01	108	Formetanate	0.01	167	Phenmedipham	0.01	226	Tolfenpyrad	0.01
50	Demeton-S-methyl	0.01	109	Fosthiazate	0.01	168	Phenthoate	0.01	227	Topramezone	0.01
51	Demeton-S-methyl sulphone	0.01	110	Fuberidazole	0.01	169	Phosmet	0.01	228	Tralkoxydim	0.01
52	Demeton-S-methyl sulfoxide	0.01	111	Halofenozide	0.01	170	Phosmet oxon	0.01	229	Trichlorfon	0.01
53	Desmedipham	0.01	112	Hexythiazox	0.01	171	Phoxim	0.01	230	Tricyclazole	0.01
54	Diclotophos	0.01	113	Imazalil	0.01	172	Pinoxaden	0.01	231	Tridemorph	0.01
55	Diethofencarb	0.01	114	Imidacloprid	0.01	173	Piperonyl butoxide	0.01	232	Triflurazole	0.01
56	Diflubenzuron	0.01	115	Indoxacarb	0.01	174	Prochloraz	0.01	233	Triflurumol	0.01
57	Dimethenamid	0.01	116	Iodosulfuron methyl	0.01	175	Prochloraz BTS 44595	0.01	234	Triticonazole	0.01
58	Dimethoate	0.01	117	Ipconazole	0.01	176	Prochloraz BTS 44596	0.01	235	Tritosulfuron	0.01
59	Dinotefuran	0.01	118	Iprovalicarb	0.01	177	Propamocarb	0.01	236	Zoxamide	0.01



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Table 2e. LC-MS/MS - SANTE: group 9 (e.g. chicken eggs, duck eggs, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Abamectin	0.01	53	Disulfoton sulfon	0.01	105	Isoprothiolane	0.01	157	Prosulfocarb	0.01
2	Acephate	0.01	54	Disulfoton sulfoxide	0.01	106	Isoproturon	0.01	158	Pyridaben	0.01
3	Acetamiprid	0.01	55	Diuron	0.01	107	Isopyrazam	0.01	159	Pyridafol	0.01
4	Acifluorfen	0.01	56	DMF	0.01	108	Lenacil	0.01	160	Pyrifenoxy	0.01
5	Aldicarb	0.01	57	DMPF	0.01	109	Linuron	0.01	161	Pyriproxyfen	0.01
6	Aldicarb sulfone	0.01	58	Emamectin B1a	0.01	110	Lufenuron	0.01	162	Pyroquilon	0.01
7	Aldicarb sulfoxide	0.01	59	Emamectin B1b	0.01	111	Malaoxon	0.01	163	Pyroxsulam	0.01
8	Ametoctradin	0.01	60	Ethiofencarb	0.01	112	Malathion	0.01	164	Quinoclamine	0.1
9	Amidosulfuron	0.01	61	Ethirimol	0.01	113	Mandipropamid	0.01	165	Quizalofop-ethyl	0.01
10	Amisulbrom	0.01	62	Etozazole	0.01	114	Metadiazuron	0.01	166	Rimsulfuron	0.01
11	Azadirachtin	0.01	63	Famoxadone	0.01	115	Metazachl	0.01	167	Rotenone	0.01
12	Aziprotryne	0.01	64	Fenamidone	0.01	116	Methamidophos	0.01	168	Silthiofam	0.01
13	Azoxystrobin	0.01	65	Fenamiphos	0.01	117	Methiocarb	0.01	169	Spinetoram C42	0.01
14	Beflubutamid	0.01	66	Fenamiphos sulfoxide	0.01	118	Methiocarb sulphone	0.01	170	Spinetoram C43	0.01
15	Bendiocarb	0.01	67	Fenamiphos sulphone	0.01	119	Methiocarb sulfoxide	0.01	171	Spinosyn A	0.01
16	Benthiavalicarb isopropyl	0.01	68	Fenbuconazole	0.01	120	Methomyl	0.01	172	Spinosyn D	0.01
17	Bixafen	0.01	69	Fenfuram	0.01	121	Methoprotrotryne	0.01	173	Spirodiclofen	0.01
18	Boscalid	0.01	70	Fenhexamid	0.01	122	Methoxyfenozide	0.01	174	Spirotetramat	0.01
19	Bromuconazole	0.01	71	Fenobucarb	0.01	123	Metobromuron	0.01	175	Spirotetramat enol	0.01
20	Cadusafos	0.01	72	Fenoxaprop-P-ethyl	0.01	124	Metolachlor-S	0.01	176	Spirotetramat enol-glucoside	0.01
21	Carbaryl	0.01	73	Fenpropidin	0.01	125	Metosulam	0.01	177	Spirotetramat ketohydroxy	0.01
22	Carbendazim	0.01	74	Fenpropimorph	0.01	126	Metoxuron	0.01	178	Spirotetramat monohydroxy	0.01
23	Carbetamide	0.01	75	Fenpyroximate	0.01	127	Methidathion	0.01	179	Spiroxamine	0.01
24	Carbofuran	0.01	76	Fensulfotiothion	0.01	128	Metsulfuron-methyl	0.01	180	Sulfometuron methyl	0.005
25	Carbofuran 3-hydroxy	0.01	77	Fensulfotiothion oxon	0.01	129	Monocrotophos	0.01	181	Sulfosulfuron	0.01
26	Carbofuran 3-keto	0.01	78	Fensulfotiothion oxon sulphone	0.01	130	Monuron	0.01	182	Sulfoxaflor	0.01
27	Carfentrazon-ethyl	0.01	79	Fensulfotiothion sulphone	0.01	131	Napropamide	0.01	183	Tebuconazole	0.01
28	Chlorantraniliprole	0.01	80	Fenthion	0.01	132	Nitenpyram	0.01	184	Tebuconazole	0.01
29	Chloridazon	0.01	81	Fenthion sulfoxide	0.01	133	Omethoate	0.01	185	Tebuconazole	0.01
30	Chlorotoluron	0.01	82	Flonicamid	0.01	134	Oxadixyl	0.01	186	Teflubenzuron	0.01
31	Chlorpyrifos	0.01	83	Florasulam	0.01	135	Oxamyl	0.01	187	Terbufos	0.01
32	Chlorosulfuron	0.01	84	Flufenacet	0.01	136	Oxycarboxin	0.01	188	Terbufos sulphone	0.01
33	Chlorantraniliprole	0.01	85	Flufenoxuron	0.01	137	Paraaxon-methyl	0.01	189	Terbufos sulfoxide	0.01
34	Clofentezine	0.01	86	Fluopicolide	0.01	138	Parathion	0.01	190	Terbutylazine	0.01
35	Clothianidin	0.01	87	Fluopyram	0.01	139	Pencycuron	0.01	191	Thiabendazole	0.01
36	Cyantraniliprole	0.01	88	Fluxastrobin	0.01	140	Pendimethalin	0.01	192	Thiacloprid	0.01
37	Cyazofamid	0.01	89	Flupyradifurone	0.01	141	Penthiopyrad	0.01	193	Thiamethoxam	0.01
38	Cyflufenamid	0.01	90	Flurochloridone	0.01	142	Pethoxamid	0.01	194	Thifensulfuron-methyl	0.01
39	Cymiazol	0.01	91	Flutolanil	0.01	143	Phenmedipham	0.01	195	Thiodicarb	0.01
40	Cymoxanil	0.01	92	Flutriafol	0.01	144	Phenthoate	0.01	196	Thiometon	0.01
41	Cyproconazole	0.01	93	Fluxapyroxad	0.01	145	Phosmet	0.01	197	Thiophanate-methyl	0.01
42	DEET	0.01	94	Formetanate	0.01	146	Phoxim	0.01	198	Topramezone	0.01
43	Demeton-S-methyl	0.01	95	Fosfiazate	0.01	147	Pinoxaden	0.01	199	Tralkoxydim	0.01
44	Demeton-S-methyl sulphone	0.01	96	Fuberidazole	0.01	148	Piperonyl butoxide	0.01	200	Trichlorfon	0.01
45	Demeton-S-methyl sulfoxide	0.01	97	Hexythiazox	0.01	149	Prochloraz	0.01	201	Tridemorph	0.01
46	Desmedipham	0.01	98	Imazalil	0.01	150	Prochloraz BTS 44595	0.01	202	Trifluralin	0.01
47	Dicofol	0.01	99	Imidacloprid	0.01	151	Prochloraz BTS 44596	0.01	203	Trifluthioluron methyl	0.01
48	Diethofencarb	0.01	100	Indoxacarb	0.01	152	Propamocarb	0.01	204	Triticonazole	0.01
49	Diflufenuron	0.01	101	Iodosulfuron methyl	0.01	153	Propaquizafop	0.01	205	Tritosulfuron	0.01
50	Diflufenican	0.01	102	Iproconazole	0.01	154	Propoxur	0.01	206	Zoxamide	0.01
51	Dimethenamid	0.01	103	Iprovalicarb	0.01	155	Propoxycarbazon	0.01			
52	Dimethoate	0.01	104	Isoprocarb	0.01	156	Proquinazid	0.01			



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Table 2f. LC-MS/MS - SANTE: group 8 (e.g. milk and dairy products, yogurt, cream, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Abamectin	0.01	34	Cyflufenamid	0.01	67	Iprovalicarb	0.01	100	Propamocarb	0.01
2	Acetamiprid	0.01	35	Cyflumetofen	0.01	68	Isoprocarb	0.01	101	Propoxur	0.01
3	Aldicarb	0.01	36	Cymoxanil	0.01	69	Isoproturon	0.01	102	Proquinazid	0.01
4	Aldicarb sulfone	0.01	37	Cyproconazole	0.01	70	Isopyrazam	0.01	103	Prosulfuron	0.01
5	Ametoctradin	0.01	38	DEET	0.01	71	Isoxaben	0.01	104	Pyriproxyfen	0.01
6	Amidosulfuron	0.01	39	Diclotophos	0.01	72	Lenacil	0.01	105	Quizalofop-ethyl	0.01
7	Amisulbrom	0.01	40	Diethofencarb	0.01	73	Malaoxon	0.01	106	Rimsulfuron	0.01
8	Azadirachtin	0.01	41	Diflubenzuron	0.01	74	Malathion	0.01	107	Rotenone	0.01
9	Azinprotryne	0.01	42	Dimethoate	0.01	75	Mandipropamid	0.01	108	Silthiofame	0.01
10	Azoxystrobin	0.01	43	Dinotefuran	0.01	76	Metaxyl	0.01	109	Spinetoram C42	0.01
11	Beflubutamid	0.01	44	Diuron	0.01	77	Metamitron	0.01	110	Spinetoram C43	0.01
12	Bendiocarb	0.01	45	Ethiofencarb	0.01	78	Methamidophos	0.01	111	Spinosyn A	0.01
13	Benthiavalicarb isopropyl	0.01	46	Famoxadone	0.01	79	Methoprotrotryne	0.01	112	Spinosyn D	0.01
14	Benzovindiflupyr	0.01	47	Fenamidone	0.01	80	Methoxyfenozide	0.01	113	Spirodiclofen	0.01
15	Bixafen	0.01	48	Fenbuconazole	0.01	81	Metobromuron	0.01	114	Spiroxamine	0.01
16	Boscalid	0.01	49	Fenfuram	0.01	82	Metolachlor-S	0.01	115	Sulfometuron methyl	0.01
17	Bromacil	0.01	50	Fenhexamid	0.01	83	Metoxuron	0.01	116	Sulfoxaflor	0.01
18	Bromuconazole	0.01	51	Fenpropidin	0.01	84	Metrafenone	0.01	117	Tebuconazole	0.01
19	Carbaryl	0.01	52	Fenpropimorph	0.01	85	Metsulfuron-methyl	0.01	118	Tebuconazole	0.01
20	Carbendazim	0.01	53	Florasulam	0.01	86	Monocrotophos	0.01	119	Terbufos	0.01
21	Carbetamide	0.01	54	Flufenacet	0.01	87	Napropamide	0.01	120	Terbufos sulphone	0.01
22	Carbofuran	0.01	55	Fluopicolide	0.01	88	Nitenpyram	0.01	121	Terbufos sulphoxide	0.01
23	Carbofuran 3-hydroxy	0.01	56	Fluopyram	0.01	89	Novaluron	0.01	122	Terbutylazine	0.01
24	Carbofuran 3-keto	0.01	57	Fluoxastrobin	0.01	90	Omethoate	0.01	123	Thiadiclopid	0.01
25	Carfentrazon-ethyl	0.01	58	Flupyradifurone	0.01	91	Oxadixyl	0.01	124	Thiamethoxam	0.01
26	Chloridazon	0.01	59	Flutolanil	0.01	92	Oxycarboxin	0.01	125	Thiometon	0.01
27	Chlorotoluron	0.01	60	Flutriafol	0.01	93	Pencycuron	0.01	126	Tolfenpyrad	0.01
28	Chlorpyrifos	0.01	61	Fluxapyroxad	0.01	94	Penthiopyrad	0.01	127	Tralkoxydim	0.01
29	Chlorsulfuron	0.01	62	Fosthiazate	0.01	95	Pethoxamid	0.01	128	Tricyclazole	0.01
30	Chromafenozide	0.01	63	Hexaflumuron	0.01	96	Phenthoate	0.01	129	Triflumuron	0.01
31	Clothianidin	0.01	64	Imazalil	0.01	97	Phoxim	0.01	130	Triticonazole	0.01
32	Cyantraniliprole	0.01	65	Imidacloprid	0.01	98	Pinoxaden	0.01	131	Tritosulfuron	0.01
33	Cycloxydim	0.01	66	Indoxacarb	0.01	99	Piperonyl butoxide	0.01	132	Zoxamide	0.01



Table 3a. LC-MS/MS - SANTE: groups 1, 2, 3, 5 (e.g. fruits, vegetables, cereals, flour, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	2,4,5-T	0.01	12	Dichlorprop	0.01	23	Ioxynil	0.01
2	2,4-D	0.01	13	Diclofop	0.01	24	MCPA	0.01
3	2,4-DB	0.01	14	Diffufenzopyr	0.01	25	MCPB	0.01
4	Acibenzolar acid	0.01	15	Fenoprop	0.01	26	Mecoprop	0.01
5	Acifluorfen	0.01	16	Fenoxaprop-P	0.01	27	Picloram	0.01
6	Aminopyralid	0.01	17	Fluazifop	0.01	28	Quinmerac	0.01
7	Bentazone	0.01	18	Fluroxypyr	0.01	29	Quizalofop	0.01
8	Bromacil	0.01	19	Haloxypop	0.01	30	Triasulfuron	0.01
9	Bromoxynil	0.01	20	Imazamox	0.01	31	Tribenuron methyl	0.01
10	Clpyralid	0.01	21	Imazapyr	0.01	32	Triclopyr	0.01
11	Dicamba	0.01	22	Imazethapyr	0.01	33	Trinexapac	0.01

Table 3b. LC-MS/MS - SANTE: group 4, 6 (e.g. rapeseed, soybeans, nuts, oilseeds, spices, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	2,4,5-T	0.01	11	Diclofop	0.01	21	MCPA	0.01
2	2,4-D	0.01	12	Diffufenzopyr	0.01	22	MCPB	0.01
3	2,4-DB	0.01	13	Fenoprop	0.01	23	Mecoprop	0.01
4	Acibenzolar acid	0.01	14	Fenoxaprop-P	0.01	24	Quinmerac	0.01
5	Acifluorfen	0.01	15	Fluazifop	0.01	25	Quizalofop	0.01
6	Bentazone	0.01	16	Fluroxypyr	0.01	26	Triasulfuron	0.01
7	Bromacil	0.01	17	Haloxypop	0.01	27	Tribenuron methyl	0.01
8	Bromoxynil	0.01	18	Imazamox	0.01	28	Triclopyr	0.01
9	Dicamba	0.01	19	Imazethapyr	0.01			
10	Dichlorprop	0.01	20	Ioxynil	0.01			

Table 3c. LC-MS/MS – soil

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	2,4,5-T	0.01	9	Diffufenzopyr	0.01	17	Ioxynil	0.01
2	2,4-D	0.01	10	Fenoprop	0.01	18	MCPA	0.01
3	2,4-DB	0.01	11	Fenoxaprop-P	0.01	19	MCPB	0.01
4	Bentazone	0.01	12	Fluazifop	0.01	20	Mecoprop	0.01
5	Bromacil	0.01	13	Fluroxypyr	0.01	21	Quizalofop	0.01
6	Bromoxynil	0.01	14	Haloxypop	0.01	22	Triasulfuron	0.01
7	Dicamba	0.01	15	Imazamox	0.01	23	Tribenuron methyl	0.01
8	Dichlorprop	0.01	16	Imazethapyr	0.01	24	Triclopyr	0.01

Table 3d. LC-MS/MS - SANTE: group 8 (e.g. milk and dairy products, yogurt, cream, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	2,4,5-T	0.01	12	Dichlorprop	0.01	23	Ioxynil	0.01
2	2,4-D	0.01	13	Diclofop	0.01	24	MCPA	0.01
3	2,4-DB	0.01	14	Diffufenzopyr	0.01	25	MCPB	0.01
4	Acibenzolar acid	0.01	15	Fenoprop	0.01	26	Mecoprop	0.01
5	Acifluorfen	0.01	16	Fenoxaprop-P	0.01	27	Picloram	0.01
6	Aminopyralid	0.01	17	Fluazifop	0.01	28	Quinmerac	0.01
7	Bentazone	0.01	18	Fluroxypyr	0.01	29	Quizalofop	0.01
8	Bromacil	0.01	19	Haloxypop	0.01	30	Triasulfuron	0.01
9	Bromoxynil	0.01	20	Imazamox	0.01	31	Tribenuron methyl	0.01
10	Clpyralid	0.01	21	Imazapyr	0.01	32	Triclopyr	0.01
11	Dicamba	0.01	22	Imazethapyr	0.01			



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Table 4a. LC-MS/MS - SANTE: groups 1, 2, 3 (e.g. fruits, vegetables, mushrooms, juices, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Cyhexatin	0.005	5	Fentin	0.0025	9	TFNA	0.005
2	Dithianon	0.005	6	Flonicamid	0.005	10	TFNA-AM	0.005
3	Dodine	0.005	7	Forchlorfenuron	0.005	11	TFNG	0.005
4	Fenbutatin oxide	0.005	8	Mesotrione	0.005			

Table 4b. LC-MS/MS - SANTE: groups 4, 5, 6 (e.g. cereals, rapeseed, spices, etc.).

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Cyhexatin	0.005	4	Fenbutatin oxide	0.005	7	TFNA	0.01
2	Dithianon	0.005	5	Fentin	0.0025	8	TFNA-AM	0.01
3	Dodine	0.005	6	Flonicamid	0.005	9	TFNG	0.01



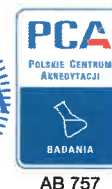
Table 5. GC-MS/MS – soil

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Z-Phenylphenol	0.005	64	DDE-o,p'	0.005	127	Flucythrinate	0.005	188	Phorate	0.005
2	Acetochlor	0.005	65	DDE-p,p'	0.005	128	Fludioxonil	0.005	189	Phorate sulfoxide	0.005
3	Acrinathrin	0.005	66	DDM	0.005	129	Flumetralin	0.005	190	Phosalone	0.005
4	Alachlor	0.005	67	DDT-o,p'	0.005	130	Fluorodifen	0.005	191	Phosmet	0.005
5	Aldrin	0.005	68	DDT-p,p'	0.005	131	Fluotrimazole	0.005	192	Phosphamidon	0.005
6	Allethrin	0.005	69	Deltamethrin	0.005	132	Fluquinconazole	0.005	193	Phthalimide	0.005
7	Ametryn	0.005	70	Demeton-S	0.005	133	Flusilazole	0.005	194	Picolinafen	0.005
8	Aminocarb	0.005	71	Desmetyrn	0.005	134	Flutriafol	0.005	195	Picoxystrobin	0.005
9	Anthraquinone	0.005	72	Dialifos	0.005	135	Folpet	0.005	196	Piperonyl butoxide	0.005
10	Atrazine	0.005	73	Diazinon	0.005	136	Fonofos	0.005	197	Piperophos	0.005
11	Azaconazole	0.005	74	Dichlobenil	0.005	137	Formothion	0.005	198	Pirimicarb	0.005
12	Azinphos-methyl	0.005	75	Dichloroaniline, 3,5-	0.005	138	Furalaxyl	0.005	199	Pirimicarb desmethyl	0.005
13	Beflubutamid	0.005	76	Dichlorobenzophenone-p,p	0.005	139	Furathiocarb	0.005	200	Pirimiphos-methyl	0.005
14	Benalaxyl	0.005	77	Dichlorvos	0.005	140	Halfenprox	0.005	201	Procymidone	0.005
15	Benfluralin	0.005	78	Diclobutrazol	0.005	141	Heptachlor	0.005	202	Profenofos	0.005
16	Benfuracarb	0.005	79	Dicofol	0.005	142	Heptachlor cis-epoxid	0.005	203	Profluralin	0.005
17	Bifenazate	0.005	80	Dieldrin	0.005	143	Heptachlor trans-epoxid	0.005	204	Prometon	0.005
18	Bifenox	0.005	81	Diethofencarb	0.005	144	Heptenophos	0.005	205	Prometryn	0.005
19	Bifenthrin	0.005	82	Difenoconazole	0.005	145	Hexachlorobenzene	0.005	206	Propachlor	0.005
20	Biphenyl	0.005	83	Dimethachlor	0.005	146	Hexachlorocyclohexane (HCH), alpha	0.005	207	Propargite	0.005
21	Bitertanol	0.005	84	Dimethoate	0.005	147	Hexachlorocyclohexane (HCH), beta	0.005	208	Propazine	0.005
22	Boscalid	0.005	85	Dimethomorph	0.005	148	Hexaconazole	0.005	209	Propetamphos	0.005
23	Bromfenvinphos	0.005	86	Dimoxystrobin	0.005	149	Imazail	0.005	210	Propham	0.005
24	Bromocyclen	0.005	87	Diniconazole	0.005	150	Iodofenphos	0.005	211	Propiconazole	0.005
25	Bromophos-ethyl	0.005	88	Dioxabenzofos	0.005	151	Iprobenfos	0.005	212	Prothioconazole destio	0.005
26	Bromopropylate	0.005	89	Dioxacarb	0.005	152	Iprodione	0.005	213	Prothiofos	0.005
27	Bupirimate	0.005	90	Dioxathion	0.005	153	Isofenphos	0.005	214	Pyraclostrobin	0.005
28	Buprofezin	0.005	91	Diphenylamine	0.005	154	Kresoxim-methyl	0.005	215	Pyrazophos	0.005
29	Butachlor	0.005	92	Disulfoton	0.005	155	lambda-Cyhalothrin	0.005	216	Pyridaben	0.005
30	Butafenacil	0.005	93	Ditalimfos	0.005	156	Lindane	0.005	217	Pyriminex	0.005
31	Butylate	0.005	94	DMST	0.005	157	Malaoxon	0.005	218	Pyrimethanil	0.005
32	Captan	0.005	95	Dodemorph	0.005	158	Malathion	0.005	219	Pyriproxyfen	0.005
33	Carbaryl	0.005	96	Edifenphos	0.005	159	Mecarbam	0.005	220	Pyroquilon	0.005
34	Carboxin	0.005	97	Endosulfan alpha	0.005	160	Mepanipyrim	0.005	221	Quinalphos	0.005
35	Chinomethionat	0.005	98	Endosulfan beta	0.005	161	Meprotil	0.005	222	Quinoxifen	0.005
36	Chlorbenside	0.005	99	Endosulfan sulphate	0.005	162	Metaxyl	0.005	223	Quintozene	0.005
37	Chlorbufam	0.005	100	Endrin	0.005	163	Metazachlor	0.005	224	Resmethrin	0.005
38	Chlorfenapyr	0.005	101	EPN	0.005	164	Metconazole	0.005	225	Sulfotep	0.005
39	Chlorfenson	0.005	102	Epoxiconazole	0.005	165	Methacryfos	0.005	226	tau-Fluvalinate	0.005
40	Chlorfenvinphos	0.005	103	Esfenvalerate	0.005	166	Methidathion	0.005	227	Tebuconazole	0.005
41	Chlormephos	0.005	104	Etaconazole	0.005	167	Methoxychlor	0.005	228	Tebuconazole	0.005
42	Chlorobenzilate	0.005	105	Ethalfuralin	0.005	168	Metolachlor	0.005	229	Tecnazene	0.005
43	Chloropropylate	0.005	106	Ethion	0.005	169	Metribuzin	0.005	230	Tefluthrin	0.005
44	Chlorpropham	0.005	107	Ethofumesate	0.005	170	Mevinphos	0.005	231	Terbacil	0.005
45	Chlorpyrifos	0.005	108	Ethoprophos	0.005	171	Myclobutanil	0.005	232	Terbufos	0.005
46	Chlorpyrifos-methyl	0.005	109	Etofenprox	0.005	172	Nitralin	0.005	233	Terbutryn	0.005
47	Chlorthal-dimethyl	0.005	110	Etrimfos	0.005	173	Nitrapyrin	0.005	234	Tetrachlorvinphos	0.005
48	Chlorthion	0.005	111	Fenamiphos	0.005	174	Nitrofen	0.005	235	Tetraconazole	0.005
49	Chlorthiophos	0.005	112	Fenarimol	0.005	175	Nitrothal isopropyl	0.005	236	Tetradifon	0.005
50	Clodinafop propargyl	0.005	113	Fenazaquin	0.005	176	Nuarimol	0.005	237	Tetrahydrophthalimide	0.005
51	Clomazone	0.005	114	Fenbuconazole	0.005	177	Oxadixyl	0.005	238	Tetramethrin	0.005
52	Coumaphos	0.005	115	Fenchlorphos	0.005	178	Oxyfluorfen	0.005	239	Tetrasul	0.005
53	Crimidine	0.005	116	Fenhexamid	0.005	179	Paclobutrazol	0.005	240	Tolclofos-methyl	0.005
54	Cyanazine	0.005	117	Fenitrothion	0.005	180	Parathion	0.005	241	Triadimefon	0.005
55	Cyanophenphos	0.005	118	Fenoxycarb	0.005	181	Parathion-methyl	0.005	242	Triadimenol	0.005
56	Cyanophos	0.005	119	Fenpropathrin	0.005	182	Penconazole	0.005	243	Tri-allate	0.005
57	Cycloate	0.005	120	Fenpropidin	0.005	183	Pencycuron	0.005	244	Triazophos	0.005
58	Cyfluthrin	0.005	121	Fenprolmorph	0.005	184	Pendimethalin	0.005	245	Trifloxystrobin	0.005
59	Cypermethrin	0.005	122	Fenthion	0.005	185	Permethrin	0.005	246	Triflumizole	0.005
60	Cyproconazole	0.005	123	Fenvalerate	0.005	186	Perthane (Ethylan)	0.005	247	Trifluralin	0.005
61	Cyprodinil	0.005	124	Fipronil	0.005	187	Phenthoate	0.005	248	Vinclozolin	0.005
62	DDD-o,p'	0.005	125	Fipronil desulfinyl	0.005						
63	DDD-p,p'	0.005	126	Fluchloralin	0.005						



Table 6. LC-MS/MS – soil

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Acetamiprid	0.01	51	Dimethenamid	0.01	101	Isoproturon	0.01	151	Proquinazid	0.01
2	Aclonifen	0.01	52	Dimethoate	0.01	102	Isopyrazam	0.01	152	Prosulfocarb	0.01
3	Aldicarb	0.01	53	Disulfoton sulfon	0.01	103	Isoxaben	0.01	153	Prosulfuron	0.01
4	Aldicarb sulfone	0.01	54	Disulfoton sulfoxide	0.01	104	Isoxaflutole	0.01	154	Pyridaben	0.01
5	Aldicarb sulfoxide	0.01	55	Emamectin B1a	0.01	105	Isoxathion	0.01	155	Pyridafol	0.01
6	Ametoctradin	0.01	56	Emamectin B1b	0.01	106	Lenacil	0.01	156	Pyrifenoxy	0.01
7	Amidosulfuron	0.01	57	Ethiofencarb	0.01	107	Linuron	0.01	157	Pyriproxyfen	0.01
8	Amisulbrom	0.01	58	Famoxadone	0.01	108	Malafoxon	0.01	158	Pyroquilon	0.01
9	Azadirachtin	0.01	59	Fenamidone	0.01	109	Malathion	0.01	159	Quinoclamine	0.01
10	Aziprotryne	0.01	60	Fenamiphos	0.01	110	Mandipropamid	0.01	160	Quazalofop-ethyl	0.01
11	Azoxystrobin	0.01	61	Fenamiphos sulfoxide	0.01	111	Metaxyl	0.01	161	Rimsulfuron	0.01
12	Beflubutamid	0.01	62	Fenamiphos sulphone	0.01	112	Metamitron	0.01	162	Rotenone	0.01
13	Bendiocarb	0.01	63	Fenbuconazole	0.01	113	Methamidophos	0.01	163	Saflufenacil	0.01
14	Benthiavdicarb isopropyl	0.01	64	Fenfuram	0.01	114	Methiocarb	0.01	164	Silthiofiam	0.01
15	Benzovindiflupyr	0.01	65	Fenhexamid	0.01	115	Methiocarb sulphone	0.01	165	Spinetoram C42	0.01
16	Bixafen	0.01	66	Fenobucarb	0.01	116	Methiocarb sulfoxide	0.01	166	Spinetoram C43	0.01
17	Boscalid	0.01	67	Fenoxaprop-P-ethyl	0.01	117	Methomyl	0.01	167	Spinosyn A	0.01
18	Bromacil	0.01	68	Fenpropidin	0.01	118	Methoprotrotryne	0.01	168	Spinosyn D	0.01
19	Bromuconazole	0.01	69	Fenpropimorph	0.01	119	Methoxyfenozide	0.01	169	Spirodiclofen	0.01
20	Cadusafos	0.01	70	Fenpyroximate	0.01	120	Metobromuron	0.01	170	Spirotetramat	0.01
21	Carbaryl	0.01	71	Fensulfothion	0.01	121	Metolachlor-S	0.01	171	Spirotetramat enol	0.01
22	Carbendazim	0.01	72	Fensulfothion oxon	0.01	122	Metoxuron	0.01	172	Spirotetramat enol-glucoside	0.01
23	Carbetamide	0.01	73	Fensulfothion oxon sulphone	0.01	123	Metrafenone	0.01	173	Spirotetramat ketohydroxy	0.01
24	Carbofuran	0.01	74	Fensulfothion sulphone	0.01	124	Metsulfuron-methyl	0.01	174	Spirotetramat monohydroxy	0.01
25	Carbofuran 3-hydroxy	0.01	75	Fenthion	0.01	125	Monocrotophos	0.01	175	Spiroxamine	0.01
26	Carbofuran 3-keto	0.01	76	Fenthion sulfoxide	0.01	126	Monuron	0.01	176	Sulfometuron methyl	0.01
27	Carfentrazone-ethyl	0.01	77	Flonicamid	0.01	127	Napropamide	0.01	177	Sulfosulfuron	0.01
28	Chlorantraniliprole	0.01	78	Florasulam	0.01	128	Novaluron	0.01	178	Sulfoxaflor	0.01
29	Chlorotoluron	0.01	79	Flufenacet	0.01	129	Omethoate	0.01	179	Tebuconazole	0.01
30	Chlorpyrifos	0.01	80	Fluopicolide	0.01	130	Oxadixyl	0.01	180	Tebufenozide	0.01
31	Chlorsulfuron	0.01	81	Fluopyram	0.01	131	Oxamyl	0.01	181	Tebufenpyrad	0.01
32	Chromafenozide	0.01	82	Fluoxastrobin	0.01	132	Oxycarboxin	0.01	182	Teflubenzuron	0.01
33	Clofentezine	0.01	83	Flupyradifurone	0.01	133	Pencycuron	0.01	183	Terbufos	0.01
34	Clothianidin	0.01	84	Flurochloridone	0.01	134	Pendimethalin	0.01	184	Terbufos sulphone	0.01
35	Cyantraniliprole	0.01	85	Fluroxypyr	0.01	135	Penthiopyrad	0.01	185	Terbufos sulfoxide	0.01
36	Cyazofamid	0.01	86	Flutolanil	0.01	136	Pethoxamid	0.01	186	Terbutylazine	0.01
37	Cycloxydim	0.01	87	Flutriafol	0.01	137	Phenmedipham	0.01	187	Thiacloprid	0.01
38	Cyflufenamid	0.01	88	Fluxapyroxad	0.01	138	Phenthoate	0.01	188	Thiamethoxam	0.01
39	Cyflumetofen	0.01	89	Formetanate	0.01	139	Phosmet	0.01	189	Thiencazabone-methyl	0.01
40	Cymoxanil	0.01	90	Fosthiazate	0.01	140	Phosmet oxon	0.01	190	Thiodicarb	0.01
41	Cyproconazole	0.01	91	Fuberidazole	0.01	141	Phoxim	0.01	191	Thiometon	0.01
42	DEET	0.01	92	Hexaflumuron	0.01	142	Pinoxaden	0.01	192	Thiophanate-methyl	0.01
43	Demeton-S-methyl	0.01	93	Hexythiazox	0.01	143	Piperonyl butoxide	0.01	193	Tralkoxydim	0.01
44	Demeton-S-methyl sulphone	0.01	94	Imazalil	0.01	144	Prochloraz	0.01	194	Trichlorfon	0.01
45	Demeton-S-methyl sulfoxide	0.01	95	Imidacloprid	0.01	145	Prochloraz BTS 44595	0.01	195	Tricyclazole	0.01
46	Desmedipham	0.01	96	Indoxacarb	0.01	146	Prochloraz BTS 44596	0.01	196	Triflurumuron	0.01
47	Diclotophos	0.01	97	Iproconazole	0.01	147	Propamocarb	0.01	197	Trifluthiuron methyl	0.01
48	Diethofencarb	0.01	98	Iprovalicarb	0.01	148	Propaquizafop	0.01	198	Triticonazole	0.01
49	Diflubenazuron	0.01	99	Isoprocarb	0.01	149	Propoxur	0.01	199	Tritosulfuron	0.01
50	Diflufenican	0.01	100	Isoprothiolane	0.01	150	Propoxycarbazonone	0.01	200	Zoxamide	0.01



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Table 7. GC-MS/MS – water

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	Aldrin	0.05	27	DDD-o,p'	0.05	53	Fludioxonil	0.1	78	Profluralin	0.1
2	Beflubutamid	0.1	28	DDD-p,p'	0.05	54	Flumetralin	0.1	79	Prometryn	0.1
3	Benfluralin	0.05	29	DDE-o,p'	0.05	55	Furathiocarb	0.1	80	Propargite	0.1
4	Benfuracarb	0.05	30	DDE-p,p'	0.05	56	Heptachlor	0.05	81	Propiconazole	0.1
5	Bifenazate	0.1	31	DDM	0.05	57	Heptachlor cis-epoxid	0.1	82	Prothiofos	0.1
6	Bifenthrin	0.05	32	DDT-o,p'	0.05	58	Heptachlor trans-epoxid	0.1	83	Pyridaben	0.1
7	Bromfenvinphos	0.05	33	DDT-p,p'	0.05	59	Hexachlorobenzene	0.05	84	Pyrimethanil	0.1
8	Bromophos	0.05	34	Dialifos	0.1	60	Hexachlorocyclohexane (HCH), alpha	0.05	85	Pyriproxyfen	0.05
9	Bromophos-ethyl	0.05	35	Diazinon	0.05	61	Iodofenphos	0.05	86	Quinalphos	0.1
10	Bromopropylate	0.05	36	Dichlofenthion	0.05	62	Isofenphos	0.05	87	Quinoxifen	0.05
11	Bupirimate	0.05	37	Dieldrin	0.05	63	Iambda-Cyhalothrin	0.1	88	Quintozene	0.1
12	Buprofezin	0.1	38	Difenoconazole	0.1	64	Lindane	0.05	89	Spiromesifen	0.05
13	Butachlor	0.1	39	Diphenylamine	0.1	65	Methoxychlor	0.05	90	Sulfotep	0.05
14	Butylate	0.05	40	Endosulfan alpha	0.1	66	Nitrothal isopropyl	0.1	91	Tebuconazole	0.1
15	Chlordane, -cis	0.05	41	Endosulfan beta	0.1	67	Pentachloroaniline	0.05	92	Tebufenpyrad	0.05
16	Chlordane, -trans	0.05	42	Endosulfan sulphate	0.05	68	Permethrin	0.1	93	Tecnazene	0.05
17	Chlorfenapyr	0.1	43	Ethalfuralin	0.1	69	Perthane (Ethylan)	0.05	94	Terbutryn	0.05
18	Chloropropylate	0.05	44	Ethion	0.1	70	Phenthoate	0.1	95	Tetradifon	0.1
19	Chlorpyrifos	0.05	45	Etofenprox	0.05	71	Phosalone	0.1	96	Tetramethrin	0.1
20	Chlorpyrifos-methyl	0.05	46	Etrifos	0.1	72	Picolinafen	0.05	97	Tetrasul	0.05
21	Chlorthal-dimethyl	0.05	47	Fenazaquin	0.05	73	Picoxystrobin	0.05	98	Tolclofos-methyl	0.05
22	Chlorthiophos	0.05	48	Fenchlorphos	0.05	74	Piperonyl butoxide	0.05	99	Tri-allate	0.05
23	Cyanophenphos	0.05	49	Fenpropathrin	0.1	75	Piperophos	0.05	100	Trifloxystrobin	0.05
24	Cycloate	0.05	50	Fenthion	0.05	76	Pirimiphos-methyl	0.05	101	Trifluralin	0.05
25	Cypermethrin	0.1	51	Fenvalerate	0.1	77	Profenofos	0.1			
26	Cyprodinil	0.05	52	Fluchloralin	0.05						

Table 8. LC-MS/MS – water

No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	2,4-D	0.05	27	Ethirimol	0.05	53	Isoproturon	0.05	79	Oxamyl	0.05
2	2,4-DB	0.05	28	Fenamidone	0.05	54	Isopyrazam	0.05	80	Paraoxon-methyl	0.05
3	Acetamidrid	0.05	29	Fenamiphos	0.05	55	Isoxaben	0.05	81	Pencycuron	0.05
4	Ametoctradin	0.05	30	Fenamiphos sulfoxide	0.05	56	Lenacil	0.05	82	Phenthoate	0.05
5	Amidosulfuron	0.05	31	Fenamiphos sulphone	0.05	57	Malaoxon	0.05	83	Pinoxaden	0.05
6	Azoxystrobin	0.05	32	Fenobucarb	0.05	58	Malathion	0.05	84	Propoxur	0.05
7	Bentazone	0.05	33	Fenoxaprop-P-ethyl	0.05	59	Mandipropamid	0.05	85	Proquinazid	0.05
8	Bromacil	0.05	34	Fenpropidin	0.05	60	MCPA	0.05	86	Prosulfocarb	0.05
9	Bromoxynil	0.05	35	Fenpropimorph	0.05	61	MCPB	0.05	87	Prosulfuron	0.05
10	Cadusafos	0.05	36	Fensulfothion	0.05	62	Mecoprop	0.05	88	Quizalofop-ethyl	0.05
11	Carbaryl	0.05	37	Fensulfothion oxon	0.05	63	Metaxyl	0.05	89	Silthiofam	0.05
12	Carbendazim	0.05	38	Fensulfothion oxon sulphone	0.05	64	Methamidophos	0.05	90	Spirotetramat	0.05
13	Carbofuran	0.05	39	Fensulfothion sulphone	0.05	65	Methiocarb sulphoxide	0.05	91	Spiroxamine	0.05
14	Carbofuran 3-hydroxy	0.05	40	Flazasulfuron	0.05	66	Methomyl	0.05	92	Sulfometuron methyl	0.05
15	Chloridazon	0.05	41	Fluazifop	0.05	67	Methoxyfenozide	0.05	93	Sulfoxaflor	0.05
16	Chromafenozide	0.05	42	Flufenacet	0.05	68	Metobromuron	0.05	94	Tebufenozide	0.05
17	Cyantraniliprole	0.05	43	Fluopicolide	0.05	69	Metolachlor-S	0.05	95	Terbufos sulphoxide	0.05
18	DEET	0.05	44	Fluoxastrobin	0.05	70	Metosulam	0.05	96	Terbutylazine	0.05
19	Demeton-S-methyl	0.05	45	Fluroxypyr	0.05	71	Metoxuron	0.05	97	Thiabendazole	0.05
20	Demeton-S-methyl sulphone	0.05	46	Flutolanil	0.05	72	Metrafenone	0.05	98	Thiacloprid	0.05
21	Demeton-S-methyl sulphoxide	0.05	47	Flutriafol	0.05	73	Metsulfuron-methyl	0.05	99	Thiodicarb	0.05
22	Dichlorprop	0.05	48	Foramsulfuron	0.05	74	Monocrotophos	0.05	100	Tralkoxydim	0.05
23	Diethofencarb	0.05	49	Fuberidazole	0.05	75	Napropamide	0.05	101	Zoxamide	0.05
24	Dimethenamid	0.05	50	Haloxypop	0.05	76	Nicosulfuron	0.05			
25	Dimethoate	0.05	51	Imazalil	0.05	77	Omethoate	0.05			
26	Ethametsulfuron-methyl	0.05	52	Iprovalicarb	0.05	78	Oxadixyl	0.05			



Table 9. LC-MS/MS – Nicotine

Substance name	Technique	SANTE group 1-3 e.g. fruits, vegetables	SANTE group 4 e.g. rapeseed, nuts	SANTE group 5 e.g. cereals, lentils	SANTE group 6 e.g. teas, spices	SANTE group 8 e.g. milk, yogurts	SANTE group 9 eggs	Soil	Water
		Limit of quantification (GO) [mg/kg].							[µg/L]
Nicotine	LC-MS/MS	0.01	-	-	-	-	-	-	-

Table 10. GC-MS – Dithiocarbamates

Substance name	Technique	SANTE group 1-3 e.g. fruits, vegetables	SANTE group 4 e.g. rapeseed, nuts	SANTE group 5 e.g. cereals, lentils	SANTE group 6 e.g. teas, spices	SANTE group 8 e.g. milk, yogurts	SANTE group 9 eggs	Soil	Water
		Limit of quantification (GO) [mg/kg].							[µg/L]
Dithiocarbamates expressed as CS ₂ (ferbam, mancozeb, maneb, metam, metiram, nabam, propineb, thiram, ziram, zineb)	GC-MS	0.005	0.005	0.005	0.005	-	-	-	-

Table. 11. GC-MS - Ethylene oxide

Substance name	Technique	SANTE group 1-3 e.g. fruits, vegetables	SANTE group 4 e.g. rapeseed, nuts	SANTE group 5 e.g. cereals, lentils	SANTE group 6 e.g. teas, spices	SANTE group 8 e.g. milk, yogurts	Dietary supplements (ashwaganda)	Food additives (xanthan gum)	Baby food (0-6 months)
		Limit of quantification (GO) [mg/kg].							
Ethylene oxide (2-chloroethanol expressed as ethylene oxide)	GC-MS	0.02	0.02	0.02	0.02	0.02	0,01	0,01	0,01





Table 12. LC-MS/MS – Glyphosate, Glufosinate, Ethephon

Substance name	Technique	SANTE group 1-3 e.g. fruits, vegetables	SANTE group 4 e.g. rapeseed, nuts	SANTE group 5 e.g. cereals, lentils	SANTE group 6 e.g. teas, spices	SANTE group 8 e.g. milk, yogurts	SANTE group 9 eggs	Soil	Water
		Limit of quantification (GO) [mg/kg].							[µg/L]
Glyphosate	LC-MS/MS	0.01	0.05	0.05	0.05	-	0.01	0.05 (NA)	0.05 (NA)
Trimethylsulfonyl cation	LC-MS/MS	0.01	0.05	0.05	0.05	-	0.01	-	-
Glufosinate together with matabolites (MPP, N-Acetyl-Glufosinate)	LC-MS/MS	0.025	0.025	0.025	0.05	-	-	-	-
MPP (Glufosinate metabolite)	LC-MS/MS	0.025	0.025	0.025	0.05	-	-	-	-
N-Acetyl-Glufosinate (Glufosinate metabolite)	LC-MS/MS	0.025	0.025	0.025	0.05	-	-	-	-
Ethephon	LC-MS/MS	0.01	0.01	0.01	0.01	-	0.01	-	-

(NA) - non-accredited substance in a given matrix.

Table 13. LC-MS/MS – Chlorates, Phosphonic acid, Bromide Ion

Substance name	Technique	SANTE group 1-3 e.g. fruits, vegetables	SANTE group 4 e.g. rapeseed, nuts	SANTE group 5 e.g. cereals, lentils	SANTE group 6 e.g. teas, spices	SANTE group 8 e.g. milk, yogurts	SANTE group 9 eggs	Soil	Water
		Limit of quantification (GO) [mg/kg].							[µg/L]
Chlorates	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
Perchlorates	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
Phosetyl	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
Phosphonic acid	LC-MS/MS	0.1	0.1	0.1	0.1	0.1	-	-	-
Bromide ion	LC-MS/MS	0.2	0.5	0.5	-	-	-	-	-



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Table 14. LC-MS/MS - Growth regulators and others

Substance name	Technique	SANTE group 1-3 e.g. fruits, vegetables	SANTE group 4 e.g. rapeseed, nuts	SANTE group 5 e.g. cereals, lentils	SANTE group 6 e.g. teas, spices	SANTE group 8 e.g. milk, yogurts	SANTE group 9 eggs	Soil	Water
		Limit of quantification (GO) [mg/kg].							[µg/L]
Chlormequat chloride	LC-MS/MS	0.005	0.005	0.005	0.005	0.005	0.005	-	-
Mepiquat chloride	LC-MS/MS	0.005	0.005	0.005	0.005	0.005	0.005	-	-
Cyromazine	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	0.01	-	-
Maleic hydrazide	LC-MS/MS	0.05	0.05	0.05	0.05	0.05	-	-	-
Matrine	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
Oxymatrine	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
Melamine	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
ETU	LC-MS/MS	0.01	0.01	0.01	-	-	-	-	-
PTU	LC-MS/MS	0.005	0.005	0.005	-	-	-	-	-

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