



**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



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 matabolites (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	
AMPA (NA) (Table 12)		200	
ETU (NA), PTU (NA) (Table 14)	300		



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FOOD, AGRICULTURAL PRODUCTS, PLANT MATERIAL

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 matabolites (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
AMPA (NA) (Table 12)		200	



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FOOD, AGRICULTURAL PRODUCTS, PLANT MATERIAL

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
			AMPA (NA) (Table 12)	200
	PN-EN 15662:2018	ETU (NA), PTU (NA) (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 metabolites (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
	AMPA (NA) (Table 12)	200	



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FOOD, AGRICULTURAL PRODUCTS, PLANT MATERIAL

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



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, Trimethylsulfonyl 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 – 1f	700
		Table 2a – 2f	
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	
Package "Extended"	PN-EN 15662:2018	Table 1a – 1f	850
		Table 2a – 2f	
		Table 4a – 4b	
	PN-EN 12396-2:2002	Dithiocarbamates expressed as CS ₂ (Table 10)	
Package "Advanced"	PN-EN 15662:2018	Table 1a – 1f	1350
		Table 2a – 2f	
		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 – 1f	900
		Table 2a – 2f	
		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, AMPA (NA) (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..



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 [mg/kg]	No.	Substance name	LOQ [mg/kg]
1	2-Phenylphenol	0.005	77	DDT-o,p'	0.005	153	Fluensulfone	0.01	227	Phorate	0.005
2	Acetochlor	0.005	78	DDT-p,p'	0.005	154	Flumetralin	0.005	228	Phorate sulfone	0.01
3	Acrinathrin	0.005	79	Deltamethrin	0.005	155	Flumioxazin	0.01	229	Phorate sulfoxide	0.005
4	Alachlor	0.005	80	Demeton-S	0.005	156	Fluorodifen	0.005	230	Phosalone	0.005
5	Aldrin	0.001	81	Desmetyrn	0.005	157	Fluotrimazole	0.005	231	Phosmet	0.005
6	Allethrin	0.005	82	Dialifos	0.005	158	Fluquinconazole	0.005	232	Phosphamidon	0.005
7	Ametryn	0.005	83	Diazinon	0.005	159	Flurprimidol	0.01	233	Phthalimide	0.005
8	Aminocarb	0.005	84	Dichlobenil	0.005	160	Flurtamone	0.01	234	Picolinafen	0.005
9	Anthraquinone	0.005	85	Dichlofenthion	0.005	161	Flusilazole	0.005	235	Picoxystrobin	0.005
10	Atrazine	0.005	86	Dichlofluamid	0.005	162	Flutianil	0.01	236	Piperonyl butoxide	0.005
11	Azaconazole	0.005	87	Dichloroaniline, 3,5-	0.005	163	Flutriafol	0.005	237	Piperophos	0.005
12	Azinphos ethyl	0.005	88	Dichlorobenzamide, 2,6-	0.01	164	Folpet	0.005	238	Pirimicarb	0.005
13	Azinphos-methyl	0.005	89	Dichlorobenzophenone-p,p	0.005	165	Fonofos	0.005	239	Pirimicarb desmethyl	0.005
14	Azoxystrobin	0.005	90	Dichlorvos	0.005	166	Formothion	0.005	240	Pirimiphos-ethyl	0.01
15	Beflubutamid	0.005	91	Diclobutrazol	0.005	167	Furalaxyl	0.005	241	Pirimiphos-methyl	0.005
16	Benalaxyl	0.005	92	Dicloran	0.005	168	Furathiocarb	0.005	242	Procyimidone	0.005
17	Benfluralin	0.005	93	Dicofol	0.005	169	Gamma-cyhalothrin	0.005	243	Profenofos	0.005
18	Benfuracarb	0.005	94	Dieldrin	0.001	170	Halfenprox	0.005	244	Profuralin	0.005
19	Bifenazate	0.005	95	Diethofencarb	0.005	171	Heptachlor	0.001	245	Prometon	0.005
20	Bifenazate diazene	0.005	96	Difenoconazole	0.005	172	Heptachlor cis-epoxid	0.0025	246	Prometryn	0.005
21	Bifenox	0.005	97	Dimethachlor	0.005	173	Heptachlor trans-epoxid	0.0025	247	Propachlor	0.005
22	Bifenthrin	0.005	98	Dimethoate	0.005	174	Heptenophos	0.005	248	Propargite	0.005
23	Biphenyl	0.005	99	Dimethomorph	0.005	175	Hexachlorobenzene	0.001	249	Propazine	0.005
24	Bitertanol	0.005	100	Dimoxystrobin	0.005	176	Hexachlorocyclohexane (HCH), alpha	0.005	250	Propetamphos	0.005
25	Boscalid	0.005	101	Diniconazole	0.005	177	Hexachlorocyclohexane (HCH), beta	0.005	251	Propham	0.005
26	Bromfenvinphos	0.005	102	Dinitramine	0.01	178	Hexaconazole	0.005	252	Propiconazole	0.005
27	Bromocyclen	0.005	103	Dinobuton	0.01	179	Imazalil	0.005	253	Propyzamide	0.005
28	Bromophos	0.005	104	Dinoseb	0.01	180	Iodofenphos	0.005	254	Prothioconazole destio	0.005
29	Bromophos-ethyl	0.005	105	Dioxabenzofos	0.005	181	Iprobenfos	0.005	255	Prothiofos	0.005
30	Bromopropylate	0.005	106	Dioxacarb	0.005	182	Iprodione	0.005	256	Pyraclostrobin	0.005
31	Bupirimate	0.005	107	Dioxathion	0.005	183	Isocarbophos	0.005	257	Pyrazophos	0.005
32	Buprofezin	0.005	108	Diphenylamine	0.005	184	Isofenphos	0.005	258	Pyrethrins	0.05
33	Butachlor	0.005	109	Disulfoton	0.001	185	Isofenphos-methyl	0.005	259	Pyridaben	0.005
34	Butafenacil	0.005	110	Disulfoton sulfon	0.01	186	Isofetamid	0.01	260	Pyridalyl	0.01
35	Butylate	0.005	111	Disulfoton sulfoxide	0.01	187	Kresoxim-methyl	0.005	261	Pyridaphenthion	0.01
36	Captafol	0.005	112	Ditalimfos	0.005	188	lambda-Cyhalothrin	0.005	262	Pyrifenoxy	0.005
37	Captan	0.005	113	DMST	0.005	189	Lindane	0.005	263	Pyrimethanil	0.005
38	Carbaryl	0.005	114	Dodemorph	0.005	190	Malaaxon	0.005	264	Pyriofenone	0.01
39	Carboxin	0.005	115	Edifenphos	0.005	191	Malathion	0.005	265	Pyriproxyfen	0.005
40	Chinomethionat	0.005	116	Endosulfan alpha	0.005	192	Mandestrobin	0.01	266	Pyroquilon	0.005
41	Chlorbenside	0.005	117	Endosulfan beta	0.005	193	Mecarbam	0.005	267	Quinalphos	0.005
42	Chlorbufam	0.005	118	Endosulfan sulphate	0.005	194	Mepanipyrim	0.005	268	Quinoxifen	0.005
43	Chlordane. -cis	0.005	119	Endrin	0.0025	195	Mepronil	0.005	269	Quintozene	0.005
44	Chlordane. -oxy	0.01	120	Endrin keton	0.01	196	Metalaxyl	0.005	270	Resmethrin	0.005
45	Chlordane. -trans	0.01	121	EPN	0.005	197	Metazachlor	0.005	271	Silafiuofen	0.01
46	Chlorfenapyr	0.005	122	Epoxiconazole	0.005	198	Metconazole	0.005	272	Simazine	0.01
47	Chlorfenson	0.005	123	Esfenvalerate	0.005	199	Methacrifos	0.005	273	Spiromesifen	0.005
48	Chlorfenvinphos	0.005	124	Etaconazole	0.005	200	Methidathion	0.005	274	Sulfotep	0.005
49	Chlormephos	0.005	125	Ethalfuralin	0.005	201	Methoxychlor	0.005	275	tau-Fluvalinate	0.005
50	Chlorobenzilate	0.005	126	Ethion	0.005	202	Metolachlor	0.005	276	Tebuconazole	0.005
51	Chloropropylate	0.005	127	Ethofumesate	0.005	203	Metribuzin	0.005	277	Tebufenpyrad	0.005
52	Chlorothalonil	0.005	128	Ethofumesate, -2-keto	0.01	204	Mevinphos	0.005	278	Tecnazene	0.005
53	Chloroprotham	0.005	129	Ethoprophos	0.005	205	Molinat	0.01	279	Tefluthrin	0.005
54	Chlorpyrifos	0.005	130	Ethoxyquin	0.005	206	Myclobutanil	0.005	280	Terbacil	0.005
55	Chlorpyrifos-methyl	0.005	131	Etofenprox	0.005	207	Nitralin	0.005	281	Terbufos	0.001
56	Chlorthal-dimethyl	0.005	132	Etrinfos	0.005	208	Nitrapyrin	0.005	282	Terbutryn	0.005
57	Chlorthion	0.005	133	Fenamiphos	0.005	209	Nitrofen	0.001	283	Tetrachlorvinphos	0.005
58	Chlorthiophos	0.005	134	Fenarimol	0.005	210	Nitrothal isopropyl	0.005	284	Tetraconazole	0.005
59	Clodinafop propargyl	0.005	135	Fenazaquin	0.005	211	Nuarimol	0.005	285	Tetradifon	0.005
60	Clomazone	0.005	136	Fenbuconazole	0.005	212	Oxadiazon	0.01	286	Tetrahydrophthalimide	0.005
61	Coumaphos	0.005	137	Fenchlorphos	0.005	213	Oxadixyl	0.005	287	Tetramethrin	0.005
62	Crimidine	0.005	138	Fenhexamid	0.005	214	Oxyfluorfen	0.005	288	Tetrasul	0.005
63	Cyanazine	0.005	139	Fenitrothion	0.005	215	Paclobutrazol	0.005	289	Thiobencarb	0.01
64	Cyanophenphos	0.005	140	Fenoxycarb	0.005	216	Parathion	0.005	290	Tolclofos-methyl	0.005
65	Cyanophos	0.005	141	Fenpropathrin	0.005	217	Parathion-methyl	0.005	291	Tolylfluamid	0.005
66	Cycloate	0.005	142	Fenpropidin	0.005	218	Penconazole	0.005	292	Triadimefon	0.005
67	Cyfluthrin	0.005	143	Fenpropimorph	0.005	219	Pencycuron	0.005	293	Triadimenol	0.005
68	Cypermethrin	0.005	144	Fenpyrazamine	0.01	220	Pendimethalin	0.005	294	Tri-allate	0.005
69	Cyprazine	0.01	145	Fenthion	0.005	221	Penflufen	0.01	295	Triazophos	0.005
70	Cyproconazole	0.005	146	Fenvalerate	0.005	222	Pentachloroaniline	0.01	296	Trifloxystrobin	0.005
71	Cyprodinil	0.005	147	Fipronil	0.001	223	Permethrin	0.005	297	Triflumizole	0.005
72	DDD-o,p'	0.005	148	Fipronil desulfinyl	0.0025	224	Perthane (Ethylan)	0.005	298	Trifluralin	0.005
73	DDD-p,p'	0.005	149	Fipronil sulfon	0.0025	225	Pethoxamid	0.005	299	Vinclozolin	0.005
74	DDE-o,p'	0.005	150	Fluchloralin	0.005	226	Phenthoate	0.005			
75	DDE-p,p'	0.005	151	Flucythrinate	0.005						
76	DDM	0.005	152	Fluidioxonil	0.005						



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	72	DDT-p,p'	0.01	143	Fluotrimazole	0.01	212	Phorate sulfone	0.01
2	Acrinathrin	0.01	73	Deltamethrin	0.01	144	Fluquinconazole	0.01	213	Phorate sulfoxide	0.01
3	Alachlor	0.01	74	Demeton-S	0.01	145	Flurprimidol	0.01	214	Phosalone	0.01
4	Aldrin	0.01	75	Desmetryn	0.01	146	Flurtamone	0.01	215	Phthalimide	0.01
5	Ametryn	0.01	76	Diazinon	0.01	147	Flusilazole	0.01	216	Picolinafen	0.01
6	Aminocarb	0.01	77	Dichlobenil	0.01	148	Flutianil	0.01	217	Picoxystrobin	0.01
7	Antraquinone	0.01	78	Dichlofenthion	0.01	149	Flutriafol	0.01	218	Piperonyl butoxide	0.01
8	Atrazine	0.01	79	Dichlofuanid	0.01	150	Folpet	0.01	219	Piperophos	0.01
9	Azaconazole	0.01	80	Dichloroaniline, 3,5-	0.01	151	Fonofos	0.01	220	Pirimicarb	0.01
10	Azinphos ethyl	0.01	81	Dichlorobenzamide, 2,6-	0.01	152	Formothion	0.01	221	Pirimicarb desmethyl	0.01
11	Azinphos-methyl	0.01	82	Dichlorobenzophenone-p,p	0.01	153	Furalaxyl	0.01	222	Pirimiphos-ethyl	0.01
12	Azoxystrobin	0.01	83	Dichlorvos	0.01	154	Furathiocarb	0.01	223	Pirimiphos-methyl	0.01
13	Beflubutamid	0.01	84	Diclobutrazol	0.01	155	Gamma-cyhalothrin	0.01	224	Procymidone	0.01
14	Benalaxyl	0.01	85	Dicloran	0.01	156	Halfenprox	0.01	225	Profenofos	0.01
15	Benfluralin	0.01	86	Dicofol	0.01	157	Heptachlor	0.01	226	Profluralin	0.01
16	Bifenazate	0.01	87	Dieldrin	0.01	158	Heptachlor cis-epoxid	0.01	227	Prometon	0.01
17	Bifenazate diazene	0.01	88	Difenoconazole	0.01	159	Heptenophos	0.01	228	Prometryn	0.01
18	Bifenox	0.01	89	Dimethachlor	0.01	160	Hexachlorobenzene	0.01	229	Propachlor	0.01
19	Bifenthrin	0.01	90	Dimethomorph	0.01	161	Hexachlorocyclohexane (HCH), alpha	0.01	230	Propargite	0.01
20	Bitertanol	0.01	91	Dimoxystrobin	0.01	162	Hexachlorocyclohexane (HCH), beta	0.01	231	Propazine	0.01
21	Boscalid	0.01	92	Diniconazole	0.01	163	Hexaconazole	0.01	232	Propetamphos	0.01
22	Bromfenvinphos	0.01	93	Dinitramine	0.01	164	Imazalil	0.01	233	Propham	0.01
23	Bromocyclen	0.01	94	Dinobuton	0.01	165	Iodofenphos	0.01	234	Propiconazole	0.01
24	Bromophos	0.01	95	Dioxabenzozofos	0.01	166	Iprobenfos	0.01	235	Propyzamide	0.01
25	Bromophos-ethyl	0.01	96	Dioxacarb	0.01	167	Iprodione	0.01	236	Prothioconazole destio	0.01
26	Bromopropylate	0.01	97	Diphenylamine	0.01	168	Isocarbophos	0.01	237	Prothiofos	0.01
27	Bupirimate	0.01	98	Disulfoton	0.01	169	Isofenphos	0.01	238	Pyraclostrobin	0.01
28	Buprofezin	0.01	99	Disulfoton sulfon	0.01	170	Isofenphos-methyl	0.01	239	Pyrazophos	0.01
29	Butachlor	0.01	100	Disulfoton sulfoxide	0.01	171	Isofetamid	0.01	240	Pyrethrins	0.1
30	Butafenacil	0.01	101	Ditalimfos	0.01	172	Kresoxim-methyl	0.01	241	Pyridaben	0.01
31	Butylate	0.01	102	Dodemorph	0.01	173	lambda-Cyhalothrin	0.01	242	Pyridalil	0.01
32	Captan	0.01	103	Edifenphos	0.01	174	Lindane	0.01	243	Pyrifenox	0.01
33	Carbaryl	0.01	104	Endosulfan alpha	0.01	175	Malathion	0.01	244	Pyrimethanil	0.01
34	Carboxin	0.01	105	Endosulfan beta	0.01	176	Mandestrobin	0.01	245	Pyriofenone	0.01
35	Chinomethionat	0.01	106	Endosulfan sulphate	0.01	177	Mecarbam	0.01	246	Pyriproxyfen	0.01
36	Chlorbenside	0.01	107	Endrin	0.01	178	Mepanipyrim	0.01	247	Pyroquilon	0.01
37	Chlorbufam	0.01	108	EPN	0.01	179	Mepronil	0.01	248	Quinalphos	0.01
38	Chlordane, -cis	0.01	109	Epoxiconazole	0.01	180	Metalaxyl	0.01	249	Quinoxifen	0.01
39	Chlordane, -oxy	0.01	110	Esfenvalerate	0.01	181	Metazachlor	0.01	250	Quintozene	0.01
40	Chlordane, -trans	0.01	111	Etaconazole	0.01	182	Metconazole	0.01	251	Resmethrin	0.01
41	Chlorfenapyr	0.01	112	Ethalfuralin	0.01	183	Methacrifos	0.01	252	Silafuofen	0.01
42	Chlorfenson	0.01	113	Ethion	0.01	184	Methidathion	0.01	253	Simazine	0.01
43	Chlorfenvinphos	0.01	114	Ethofumesate	0.01	185	Methoxychlor	0.01	254	Spiromesifen	0.01
44	Chlormephos	0.01	115	Ethofumesate, -2-keto	0.01	186	Metolachlor	0.01	255	Sulfotep	0.01
45	Chlorobenzilate	0.01	116	Ethoprophos	0.01	187	Metribuzin	0.01	256	tau-Fluvalinate	0.01
46	Chloropropylate	0.01	117	Etofenprox	0.01	188	Mevinphos	0.01	257	Tebuconazole	0.01
47	Chlorothalonil	0.01	118	Etrimfos	0.01	189	Molinate	0.01	258	Tebuconazole	0.01
48	Chlorpropham	0.01	119	Fenamiphos	0.01	190	Myclobutanil	0.01	259	Tecnazene	0.01
49	Chlorpyrifos	0.005	120	Fenarimol	0.01	191	Nitralin	0.01	260	Tefluthrin	0.01
50	Chlorpyrifos-methyl	0.01	121	Fenazaquin	0.01	192	Nitrapyrin	0.01	261	Terbacil	0.01
51	Chlorthal-dimethyl	0.01	122	Fenbuconazole	0.01	193	Nitrofen	0.01	262	Terbufos	0.01
52	Chlorthion	0.01	123	Fenchlorphos	0.01	194	Nitrothal isopropyl	0.01	263	Terbutryn	0.01
53	Chlorthiophos	0.01	124	Fenhexamid	0.01	195	Nuarimol	0.01	264	Tetrachlorvinphos	0.01
54	Clodinafop propargyl	0.01	125	Fenitrothion	0.01	196	Oxadiazon	0.01	265	Tetraconazole	0.01
55	Clomazone	0.01	126	Fenoxycarb	0.01	197	Oxadixyl	0.01	266	Tetradifon	0.01
56	Coumaphos	0.01	127	Fenpropathrin	0.01	198	Oxyfluorfen	0.01	267	Tetrahydrophthalimide	0.01
57	Crimidine	0.01	128	Fenpropidin	0.01	199	Pacloubtrazol	0.01	268	Tetramethrin	0.01
58	Cyanophenphos	0.01	129	Fenpropimorph	0.01	200	Parathion	0.01	269	Tetrasul	0.01
59	Cyanophos	0.01	130	Fenpyrazamine	0.01	201	Parathion-methyl	0.01	270	Thiobencarb	0.01
60	Cycloate	0.01	131	Fenthion	0.01	202	Penconazole	0.01	271	Tolclofos-methyl	0.01
61	Cyfluthrin	0.01	132	Fenvalerate	0.01	203	Pencycuron	0.01	272	Tolyfluanid	0.01
62	Cypermethrin	0.01	133	Fipronil	0.01	204	Pendimethalin	0.01	273	Triadimefon	0.01
63	Cyprazine	0.01	134	Fipronil desulfinyln	0.01	205	Penflufen	0.01	274	Triadimenol	0.01
64	Cyproconazole	0.01	135	Fipronil sulfon	0.01	206	Pentachloroaniline	0.01	275	Tri-allate	0.01
65	Cyprodinil	0.01	136	Fluchloralin	0.01	207	Permethrin	0.01	276	Triazophos	0.01
66	DDD-o,p'	0.01	137	Flucythrinate	0.01	208	Perthane (Ethylan)	0.01	277	Trifloxystrobin	0.01
67	DDD-p,p'	0.01	138	Fludioxonil	0.01	209	Pethoxamid	0.01	278	Triflumizole	0.01
68	DDE-o,p'	0.01	139	Fluensulfone	0.01	210	Phenthoate	0.01	279	Trifluralin	0.01
69	DDE-p,p'	0.01	140	Flumetralin	0.01	211	Phorate	0.01	280	Vinclozolin	0.01
70	DDM	0.01	141	Flumioxazin	0.01						
71	DDT-o,p'	0.01	142	Fluorodifen	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	2-Phenylphenol	0.005	76	DDT-o,p'	0.005	151	Fludioxonil	0.005	224	Pethoxamid	0.01
2	Acetochlor	0.005	77	DDT-p,p'	0.005	152	Fluensulfone	0.01	225	Phenthoate	0.005
3	Acrinathrin	0.005	78	Deltamethrin	0.005	153	Flumetralin	0.005	226	Phorate	0.005
4	Alachlor	0.005	79	Demeton-S	0.005	154	Flumioxazin	0.01	227	Phorate sulfone	0.01
5	Aldrin	0.0025	80	Desmetyrn	0.005	155	Fluorodifen	0.005	228	Phorate sulfoxide	0.005
6	Allethrin	0.005	81	Dialifos	0.005	156	Fluotrimazole	0.005	229	Phosalone	0.005
7	Ametryn	0.005	82	Diazinon	0.005	157	Fluquinconazole	0.005	230	Phosmet	0.005
8	Aminocarb	0.005	83	Dichlobenil	0.005	158	Flurprimidol	0.01	231	Phosphamidon	0.005
9	Anthraquinone	0.005	84	Dichlofenthiol	0.005	159	Flurtamone	0.01	232	Phthalimide	0.005
10	Atrazine	0.005	85	Dichlofuanid	0.01	160	Flusilazole	0.005	233	Picolinafen	0.005
11	Azaconazole	0.005	86	Dichloroaniline, 3,5-	0.005	161	Flutianil	0.01	234	Picoxystrobin	0.005
12	Azinphos ethyl	0.005	87	Dichlorobenzamide, 2,6-	0.01	162	Flutriafol	0.005	235	Piperonyl butoxide	0.005
13	Azinphos-methyl	0.01	88	Dichlorobenzophenone-p,p	0.005	163	Folpet	0.005	236	Piperophos	0.005
14	Azoxystrobin	0.005	89	Dichlorvos	0.005	164	Fonofos	0.005	237	Pirimicarb	0.005
15	Beflubutamid	0.005	90	Diclobutrazol	0.005	165	Formothion	0.005	238	Pirimicarb desmethyl	0.005
16	Benalaxyl	0.005	91	Dicloran	0.005	166	Furalaxyl	0.005	239	Pirimiphos-ethyl	0.01
17	Benfluralin	0.005	92	Dicofol	0.005	167	Furathiocarb	0.005	240	Pirimiphos-methyl	0.005
18	Benfuracarb	0.005	93	Dieldrin	0.0025	168	Gamma-cyhalothrin	0.005	241	Procyimidone	0.005
19	Bifenazate	0.005	94	Diethofencarb	0.005	169	Halfenprox	0.005	242	Profenofos	0.005
20	Bifenazate diazene	0.01	95	Difenconazole	0.005	170	Heptachlor	0.001	243	Profenofos	0.005
21	Bifenox	0.005	96	Dimethachlor	0.005	171	Heptachlor cis-epoxid	0.005	244	Prometon	0.005
22	Bifenthrin	0.005	97	Dimethoate	0.005	172	Heptachlor trans-epoxid	0.005	245	Prometryn	0.005
23	Biphenyl	0.005	98	Dimethomorph	0.005	173	Heptenophos	0.005	246	Propachlor	0.005
24	Bitertanol	0.005	99	Dimoxystrobin	0.005	174	Hexachlorobenzene	0.001	247	Propargite	0.005
25	Boscalid	0.005	100	Diniconazole	0.005	175	Hexachlorocyclohexane (HCH), alpha	0.005	248	Propazine	0.005
26	Bromfenwinphos	0.005	101	Dinitramine	0.01	176	Hexachlorocyclohexane (HCH), beta	0.005	249	Propetamphos	0.005
27	Bromocyclen	0.005	102	Dinobuton	0.01	177	Hexaconazole	0.005	250	Propham	0.005
28	Bromophos	0.005	103	Dinoseb	0.01	178	Imazalil	0.005	251	Propiconazole	0.005
29	Bromophos-ethyl	0.005	104	Dioxabenzofos	0.005	179	Iodofenphos	0.005	252	Propyzamide	0.005
30	Bromopropylate	0.005	105	Dioxacarb	0.005	180	Iprobenfos	0.005	253	Prothioconazole destio	0.005
31	Bupirimate	0.005	106	Dioxathion	0.005	181	Iprodione	0.005	254	Prothiofos	0.005
32	Buprofezin	0.005	107	Diphenylamine	0.005	182	Isocarboxiphos	0.005	255	Pyraclastrobin	0.005
33	Butachlor	0.005	108	Disulfoton	0.001	183	Isofenphos	0.005	256	Pyrazophos	0.005
34	Butafenacil	0.005	109	Disulfoton sulfon	0.01	184	Isofenphos-methyl	0.005	257	Pyrethrin	0.1
35	Butylate	0.005	110	Disulfoton sulfoxide	0.01	185	Isofetamid	0.01	258	Pyridaben	0.005
36	Captan	0.005	111	Ditalimfos	0.005	186	Kresoxim-methyl	0.005	259	Pyridalyl	0.01
37	Carbaryl	0.005	112	DMST	0.005	187	lambda-Cyhalothrin	0.005	260	Pyridaphenthion	0.01
38	Carboxin	0.005	113	Dodemorph	0.005	188	Lindane	0.005	261	Pyrifenox	0.005
39	Chinomethionat	0.005	114	Edifenphos	0.005	189	Malaaxon	0.005	262	Pyrimethanil	0.005
40	Chlorbenside	0.005	115	Endosulfan alpha	0.005	190	Malathion	0.005	263	Pyriofenone	0.01
41	Chlorbufam	0.005	116	Endosulfan beta	0.005	191	Mandestrobilin	0.01	264	Pyriproxyfen	0.005
42	Chlordane. -cis	0.005	117	Endosulfan sulphate	0.005	192	Mecarbam	0.005	265	Pyroquilon	0.005
43	Chlordane. -oxy	0.01	118	Endrin	0.01	193	Mepanipyrim	0.005	266	Quinalphos	0.005
44	Chlordane. -trans	0.01	119	Endrin keton	0.01	194	Mepronil	0.005	267	Quinoxifen	0.005
45	Chlorfenapyr	0.005	120	EPN	0.005	195	Metaxylal	0.005	268	Quintozene	0.005
46	Chlorfenson	0.005	121	Epoxiconazole	0.005	196	Metazachlor	0.005	269	Resmethrin	0.005
47	Chlorfenwinphos	0.005	122	Esfenvalerate	0.005	197	Metconazole	0.005	270	Silafloufen	0.01
48	Chlormepfos	0.005	123	Etaconazole	0.005	198	Methacrifos	0.005	271	Simazine	0.01
49	Chlorobenzilate	0.005	124	Ethalfuralin	0.005	199	Methidathion	0.005	272	Spiromesifen	0.005
50	Chloropropylate	0.005	125	Ethion	0.005	200	Methoxychlor	0.005	273	Sulfotep	0.005
51	Chlorothalonil	0.01	126	Ethofumesate	0.005	201	Metolachlor	0.005	274	tau-Fluvalinate	0.005
52	Chlorpropham	0.005	127	Ethofumesate, -2-keto	0.01	202	Metribuzin	0.005	275	Tebuconazole	0.005
53	Chlorpyrifos	0.005	128	Ethoprophos	0.005	203	Mevinphos	0.005	276	Tebufenpyrad	0.005
54	Chlorpyrifos-methyl	0.005	129	Ethoxyquin	0.005	204	Molinate	0.01	277	Tecnazene	0.005
55	Chlorthal-dimethyl	0.005	130	Etofenprox	0.005	205	Myclobutanil	0.005	278	Tefluthrin	0.005
56	Chlorthion	0.005	131	Etrimfos	0.005	206	Nitralin	0.005	279	Terbacil	0.005
57	Chlorthiophos	0.005	132	Fenamiphos	0.005	207	Nitrapyrin	0.005	280	Terbufos	0.001
58	Clodinafop propargyl	0.005	133	Fenarimol	0.005	208	Nitrofen	0.005	281	Terbutryn	0.005
59	Clomazone	0.005	134	Fenazaquin	0.005	209	Nitrothal isopropyl	0.005	282	Tetrachlorvinphos	0.005
60	Coumaphos	0.005	135	Fenbuconazole	0.005	210	Nuarimol	0.005	283	Tetraconazole	0.005
61	Crimidine	0.005	136	Fenchlorphos	0.005	211	Oxadiazon	0.01	284	Tetradifon	0.005
62	Cyanazine	0.005	137	Fenhexamid	0.005	212	Oxadixyl	0.005	285	Tetrahydrophthalimide	0.005
63	Cyanophenphos	0.005	138	Fenitrothion	0.005	213	Oxyfluorfen	0.005	286	Tetramethrin	0.005
64	Cyanophos	0.005	139	Fenoxycarb	0.005	214	Paclobutrazol	0.005	287	Tetrasul	0.005
65	Cycloate	0.005	140	Fenpropathrin	0.005	215	Parathion	0.005	288	Thiobencarb	0.01
66	Cyfluthrin	0.005	141	Fenpropidin	0.005	216	Parathion-methyl	0.005	289	Tolclofos-methyl	0.005
67	Cypermethrin	0.005	142	Fenpropimorph	0.005	217	Penconazole	0.005	290	Tolyfluanid	0.01
68	Cyprazine	0.005	143	Fenpyrazamine	0.01	218	Pencycuron	0.005	291	Triadimefon	0.005
69	Cyproconazole	0.005	144	Fenthion	0.005	219	Pendimethalin	0.005	292	Triadimenol	0.005
70	Cyprodinil	0.01	145	Fenvalerate	0.005	220	Penflufen	0.01	293	Tri-allate	0.005
71	DDD-o,p'	0.005	146	Fipronil	0.005	221	Pentachloroaniline	0.01	294	Triazophos	0.005
72	DDD-p,p'	0.005	147	Fipronil desulfinyl	0.0025	222	Permethrin	0.005	295	Trifloxystrobin	0.005
73	DDE-o,p'	0.005	148	Fipronil sulfon	0.0025	223	Perthane (Ethylan)	0.005	296	Triflumizole	0.005
74	DDE-p,p'	0.005	149	Fluchloralin	0.005				297	Trifluralin	0.005
75	DDM	0.005	150	Flucythrinate	0.005				298	Vinclozolin	0.005



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	71	DDT-o,p'	0.01	141	Fluorodifen	0.01	209	Phorate	0.01
2	Acrinathrin	0.01	72	DDT-p,p'	0.01	142	Fluquinconazole	0.01	210	Phorate sulfone	0.01
3	Aldrin	0.01	73	Deltamethrin	0.01	143	Flurprimidol	0.01	211	Phorate sulfoxide	0.01
4	Allethrin	0.01	74	Demeton-S	0.01	144	Flurtamone	0.01	212	Phosalone	0.01
5	Ametryn	0.01	75	Desmetyrn	0.01	145	Flusilazole	0.01	213	Phosmet	0.01
6	Aminocarb	0.01	76	Dialifos	0.01	146	Flutianil	0.01	214	Phthalimide	0.01
7	Antraquinone	0.01	77	Diazinon	0.01	147	Flutriafol	0.01	215	Picolinafen	0.01
8	Atrazine	0.01	78	Dichlobenil	0.01	148	Folpet	0.01	216	Picoxystrobin	0.01
9	Azaconazole	0.01	79	Dichlofention	0.01	149	Formothion	0.01	217	Piperonyl butoxide	0.01
10	Azinphos ethyl	0.01	80	Dichlofluauid	0.01	150	Furalaxyl	0.01	218	Piperophos	0.01
11	Azinphos-methyl	0.01	81	Dichlorobenzamide, 2,6-	0.01	151	Furathiocarb	0.01	219	Pirimicarb	0.01
12	Azoxystrobin	0.01	82	Dichlorobenzophenone-p,p	0.01	152	Gamma-cyhalothrin	0.01	220	Pirimicarb desmethyl	0.01
13	Beflubutamid	0.01	83	Dichlorvos	0.01	153	Halfenprox	0.01	221	Pirimiphos-ethyl	0.01
14	Benalaxyl	0.01	84	Diclobutrazol	0.01	154	Heptachlor	0.01	222	Pirimiphos-methyl	0.01
15	Benfluralin	0.01	85	Dicloran	0.01	155	Heptachlor cis-epoxid	0.01	223	Procymidone	0.01
16	Benfuracarb	0.01	86	Dicofol	0.01	156	Heptachlor trans-epoxid	0.01	224	Profenofos	0.01
17	Bifenazate	0.01	87	Dieldrin	0.01	157	Heptenophos	0.01	225	Profuralin	0.01
18	Bifenazate diazene	0.01	88	Diethofencarb	0.01	158	Hexachlorobenzene	0.01	226	Prometon	0.01
19	Bifenox	0.01	89	Difenoconazole	0.01	159	Hexachlorocyclohexane	0.01	227	Prometryn	0.01
20	Bifenthrin	0.01	90	Dimethachlor	0.01		(HCH), alpha		228	Propachlor	0.01
21	Bitteranol	0.01	91	Dimethoate	0.01	160	Hexachlorocyclohexane	0.01	229	Propargite	0.01
22	Boscalid	0.01	92	Dimethomorph	0.01		(HCH), beta		230	Propazine	0.01
23	Bromfenvinphos	0.01	93	Dimoxystrobin	0.01	161	Hexaconazole	0.01	231	Propetamphos	0.01
24	Bromocyden	0.01	94	Diniconazole	0.01	162	Imazalil	0.01	232	Propham	0.01
25	Bromophos	0.01	95	Dinitramine	0.01	163	Iodofenphos	0.01	233	Propiconazole	0.01
26	Bromophos-ethyl	0.01	96	Dinobuton	0.01	164	Iprobenfos	0.01	234	Propyzamide	0.01
27	Bromopropylate	0.01	97	Dinoseb	0.01	165	Iprodione	0.01	235	Prothioconazole destio	0.01
28	Bupirimate	0.01	98	Dioxabenzofos	0.01	166	Isocarbophos	0.01	236	Prothiofos	0.01
29	Buprofezin	0.01	99	Diphenylamine	0.01	167	Isofenphos	0.01	237	Pyraclostrobin	0.01
30	Butachlor	0.01	100	Disulfoton	0.01	168	Isofenphos-methyl	0.01	238	Pyrazophos	0.01
31	Butafenacil	0.01	101	Ditalimfos	0.01	169	Isofetamid	0.01	239	Pyrethrins	0.1
32	Butylate	0.01	102	Edifenphos	0.01	170	Kresoxim-methyl	0.01	240	Pyridaben	0.01
33	Captan	0.01	103	Endosulfan alpha	0.01	171	lambda-Cyhalothrin	0.01	241	Pyridalyl	0.01
34	Carbaryl	0.01	104	Endosulfan beta	0.01	172	Lindane	0.01	242	Pyridaphenthion	0.01
35	Carboxin	0.01	105	Endosulfan sulphate	0.01	173	Malathion	0.01	243	Pyrifeno	0.01
36	Chinomethionat	0.01	106	Endrin	0.01	174	Mandestrobin	0.01	244	Pyrimethanil	0.01
37	Chlorbenseide	0.01	107	Endrin keton	0.01	175	Mecarbam	0.01	245	Pyriofenone	0.01
38	Chlorbufam	0.01	108	EPN	0.01	176	Mepanipyrim	0.01	246	Pyriproxyfen	0.01
39	Chlordane. -cis	0.01	109	Epoxiconazole	0.01	177	Mepronil	0.01	247	Quinalphos	0.01
40	Chlordane. -trans	0.01	110	Esfenvalerate	0.01	178	Metalaxyl	0.01	248	Quinoxifen	0.01
41	Chlorfenapyr	0.01	111	Etaconazole	0.01	179	Metazachlor	0.01	249	Quintozene	0.01
42	Chlorfenson	0.01	112	Ethalfuralin	0.01	180	Metconazole	0.01	250	Silaflofen	0.01
43	Chlorfenvinphos	0.01	113	Ethion	0.01	181	Methacrifos	0.01	251	Simazine	0.01
44	Chlormephos	0.01	114	Ethofumesate	0.01	182	Methidathion	0.01	252	Spiromesifen	0.01
45	Chlorobenzilate	0.01	115	Ethofumesate, -2-keto	0.01	183	Methoxychlor	0.01	253	Sulfotep	0.01
46	Chloropropylate	0.01	116	Ethoprophos	0.01	184	Metolachlor	0.01	254	tau-Fluvalinate	0.01
47	Chlorothalonil	0.01	117	Ethoxyquin	0.01	185	Metribuzin	0.01	255	Tebuconazole	0.01
48	Chlorpropham	0.01	118	Etofenprox	0.01	186	Mevinphos	0.01	256	Tebufenpyrad	0.01
49	Chlorpyrifos	0.01	119	Etrimfos	0.01	187	Molinat	0.01	257	Tecnazene	0.01
50	Chlorpyrifos-methyl	0.01	120	Fenamiphos	0.01	188	Myclobutanil	0.01	258	Tefluthrin	0.01
51	Chlorthal-dimethyl	0.01	121	Fenarimol	0.01	189	Nitralin	0.01	259	Terbacil	0.01
52	Chlorthion	0.01	122	Fenazaquin	0.01	190	Nitrapyrin	0.01	260	Terbufos	0.01
53	Chlorthiophos	0.01	123	Fenbuconazole	0.01	191	Nitrofen	0.01	261	Terbutryn	0.01
54	Clodinafop propargyl	0.01	124	Fenchlorphos	0.01	192	Nitrothral isopropyl	0.01	262	Tetrachlorvinphos	0.01
55	Clomazone	0.01	125	Fenhexamid	0.01	193	Nuarimol	0.01	263	Tetraconazole	0.01
56	Coumaphos	0.01	126	Fenitrothion	0.01	194	Oxadiazon	0.01	264	Tetradfon	0.01
57	Crimidine	0.01	127	Fenproprathrin	0.01	195	Oxadixyl	0.01	265	Tetrahydrophthalimide	0.01
58	Cyanophenphos	0.01	128	Fenpropidin	0.01	196	Oxyfluorfen	0.01	266	Tetramethrin	0.01
59	Cyanophos	0.01	129	Fenpropimorph	0.01	197	Paclbutrazol	0.01	267	Tetrasul	0.01
60	Cycloate	0.01	130	Fenpyrazamine	0.01	198	Parathion	0.01	268	Thiobencarb	0.01
61	Cyfluthrin	0.01	131	Fenthion	0.01	199	Parathion-methyl	0.01	269	Tolclofos-methyl	0.01
62	Cypermethrin	0.01	132	Fenvalerate	0.01	200	Penconazole	0.01	270	Tolylfluauid	0.01
63	Cyprazine	0.01	133	Fipronil	0.01	201	Pencycuron	0.01	271	Triadimefon	0.01
64	Cyproconazole	0.01	134	Fipronil desulfanyl	0.01	202	Pendimethalin	0.01	272	Triadimenol	0.01
65	Cyprodinil	0.01	135	Fipronil sulfon	0.01	203	Penflufen	0.01	273	Tri-allate	0.01
66	DDD-o,p'	0.01	136	Fluchloralin	0.01	204	Pentachloroaniline	0.01	274	Triazophos	0.01
67	DDD-p,p'	0.01	137	Flucythrinate	0.01	205	Permethrin	0.01	275	Trifloxystrobin	0.01
68	DDE-o,p'	0.01	138	Fludioxonil	0.01	206	Pertthane (Ethylan)	0.01	276	Triflumizole	0.01
69	DDE-p,p'	0.01	139	Fluensulfone	0.01	207	Pethoxamid	0.01	277	Trifluralin	0.01
70	DDM	0.01	140	Flumetralin	0.01	208	Phenthoate	0.01	278	Vinclozolin	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	Antraquinone	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	Dichlofenthiol	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	Procyimidone	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	Dieldrin	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	Bitertanol	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	Imazalil	0.005	230	Propiconazole	0.005
29	Bromopropylate	0.005	97	Diniramine	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	Isocarboxophos	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	Chlormepfos	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	Etrimfos	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	Nitrothal isopropyl	0.005	258	Tetradifon	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	Pencycuroon	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	Vinclozolin	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	Dichlofluamid	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 (HCH), alpha	0.01	225	Profluralin	0.01
18	Bifenthrin	0.01	88	Dimethomorph	0.01	158	Hexachlorocyclohexane (HCH), beta	0.01	226	Prometon	0.01
19	Biphenyl	0.01	89	Dimoxystrobin	0.01	159	Hexaconazole	0.01	227	Prometryn	0.01
20	Bitertanol	0.01	90	Diniconazole	0.01	160	Imazalil	0.01	228	Propachlor	0.01
21	Boscalid	0.01	91	Dioxabenzofos	0.01	161	Iodofenphos	0.01	229	Propargite	0.01
22	Bromfenvinphos	0.01	92	Dioxacarb	0.01	162	Iprobenfos	0.01	230	Propazine	0.01
23	Bromocyclen	0.01	93	Dioxathion	0.01	163	Iprodione	0.01	231	Propetamphos	0.01
24	Bromophos	0.01	94	Diphenylamine	0.01	164	Isocarboxiphos	0.01	232	Propham	0.01
25	Bromophos-ethyl	0.01	95	Disulfoton	0.005	165	Isofenphos	0.01	233	Propiconazole	0.01
26	Bromopropylate	0.01	96	Disulfoton sulfon	0.005	166	Isofenphos-methyl	0.01	234	Propyzamide	0.01
27	Bupirimate	0.01	97	Disulfoton sulfoxide	0.005	167	Isofetamid	0.01	235	Prothioconazole destio	0.01
28	Buprofezin	0.01	98	Ditalimfos	0.01	168	Kresoxim-methyl	0.01	236	Prothiofos	0.01
29	Butachlor	0.01	99	Dodemorph	0.01	169	lambda-Cyhalothrin	0.01	237	Pyraclostrobin	0.01
30	Butafenacil	0.01	100	Edifenphos	0.01	170	Lindane	0.01	238	Pyrazophos	0.01
31	Butylate	0.01	101	Endosulfan alpha	0.01	171	Malaoxon	0.01	239	Pyridaben	0.01
32	Captan	0.01	102	Endosulfan beta	0.01	172	Malathion	0.01	240	Pyridalyl	0.01
33	Carboxin	0.01	103	Endosulfan sulphate	0.01	173	Mandestrobin	0.01	241	Pyridaphenthion	0.01
34	Chinomethionat	0.005	104	Endrin	0.01	174	Mepanipyrim	0.01	242	Pyrifenox	0.01
35	Chlorbenside	0.01	105	Endrin keton	0.01	175	Mepronil	0.01	243	Pyrimethanil	0.01
36	Chlordane, -cis	0.005	106	EPN	0.01	176	Metalaxyl	0.01	244	Pyriofenone	0.01
37	Chlordane, -oxy	0.01	107	Epoconazole	0.002	177	Metazachlor	0.01	245	Pyriproxyfen	0.01
38	Chlordane, -trans	0.01	108	Esfenvalerate	0.01	178	Metconazole	0.01	246	Pyroquilon	0.01
39	Chlorfenapyr	0.01	109	Etaconazole	0.01	179	Methacrifos	0.01	247	Quinalphos	0.01
40	Chlorfenson	0.01	110	Ethalfuralin	0.01	180	Methidathion	0.01	248	Quinoxifen	0.01
41	Chlorfenvinphos	0.01	111	Ethion	0.01	181	Methoxychlor	0.01	249	Quintozene	0.01
42	Chlormephos	0.01	112	Ethofumesate	0.01	182	Metolachlor	0.01	250	Resmethrin	0.01
43	Chlorobenzilate	0.01	113	Ethofumesate, -2-keto	0.01	183	Metolachlor-S	0.01	251	Silafluofen	0.01
44	Chloropropylate	0.01	114	Ethoprophos	0.01	184	Metribuzin	0.01	252	Simazine	0.01
45	Chlorpropham	0.01	115	Etofenprox	0.01	185	Mevinphos	0.01	253	Spiromesifen	0.01
46	Chlorpyrifos	0.01	116	Etrimfos	0.01	186	Molinat	0.01	254	Sulfotep	0.01
47	Chlorpyrifos-methyl	0.01	117	Fenamiphos	0.01	187	Myclobutanil	0.01	255	tau-Fluvalinate	0.01
48	Chlorthal-dimethyl	0.01	118	Fenarimol	0.01	188	Nitralin	0.01	256	Tebuconazole	0.01
49	Chlorthion	0.01	119	Fenazaquin	0.01	189	Nitrapyrin	0.01	257	Tebufenpyrad	0.01
50	Chlorthiophos	0.01	120	Fenbuconazole	0.01	190	Nitrofen	0.01	258	Tecnazene	0.01
51	Clodinafop propargyl	0.01	121	Fenchlorphos	0.01	191	Nitrothal isopropyl	0.01	259	Tefluthrin	0.01
52	Clomazone	0.005	122	Fenhexamid	0.01	192	Nuarimol	0.01	260	Terbacil	0.01
53	Coumaphos	0.01	123	Fenitrothion	0.01	193	Oxadiazon	0.01	261	Terbufos	0.002
54	Crimidine	0.01	124	Fenpropathrin	0.01	194	Oxadixyl	0.01	262	Terbutryn	0.01
55	Cyanophenphos	0.01	125	Fenpropimorph	0.01	195	Oxyfluorfen	0.01	263	Tetrachlorvinphos	0.01
56	Cyanophos	0.01	126	Fenpyrazamine	0.01	196	Paclotubrazol	0.01	264	Tetraconazole	0.01
57	Cycloate	0.01	127	Fenthion	0.01	197	Parathion	0.01	265	Tetradifon	0.01
58	Cyfluthrin	0.01	128	Fenvalerate	0.01	198	Parathion-methyl	0.01	266	Tetrahydrophthalimide	0.01
59	Cypermethrin	0.01	129	Fipronil	0.005	199	Penconazole	0.01	267	Tetramethrin	0.01
60	Cyprazine	0.01	130	Fipronil desulfinyl	0.005	200	Pencycuron	0.01	268	Tetrasul	0.01
61	Cyproconazole	0.01	131	Fipronil sulfon	0.005	201	Pendimethalin	0.01	269	Thiobencarb	0.01
62	Cyprodinil	0.01	132	Fluchloralin	0.01	202	Penflufen	0.01	270	Tolclofos-methyl	0.01
63	DDD-o,p'	0.01	133	Flucythrinate	0.01	203	Pentachloroaniline	0.01	271	Triadimefon	0.01
64	DDD-p,p'	0.01	134	Fludioxonil	0.01	204	Permethrin	0.01	272	Triadimenol	0.01
65	DDE-o,p'	0.01	135	Fluensulfone	0.01	205	Perthane (Ethylan)	0.01	273	Tri-allate	0.01
66	DDE-p,p'	0.01	136	Flumetralin	0.01	206	Pethoxamid	0.01	274	Triazophos	0.01
67	DDM	0.01	137	Fluorodifen	0.01	207	Phenthoate	0.01	275	Trifloxystrobin	0.01
68	DDT-o,p'	0.01	138	Fluotrimazole	0.01	208	Phorate	0.01	276	Triflumizole	0.01
69	DDT-p,p'	0.01	139	Fluquinconazole	0.01			277	Trifluralin	0.01	
70	Deltamethrin	0.01	140	Flurprimidol	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	Pyrifenox	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	Quinciorac	0.01
12	Aziprotryne	0.01	75	Etoxazole	0.005	138	Malathion	0.01	201	Quinclamine	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	Metalaxyl	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	Silthiofam	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	Benthiavalicarb 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	Methoprotryne	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 ketoaldehyde	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	Fonicamid	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	Ormethoate	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 sulfoxide	0.005
41	Clofentezine	0.005	104	Fluopyram	0.005	167	Oxycarboxin	0.01	230	Terbuthylazine	0.005
42	Clothianidin	0.01	105	Fluoxastrobin	0.005	168	Paraoxon-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	Penflufen	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 sulfoxide	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	Triflumizole	0.01
57	Dicrotophos	0.01	120	Imazapic	0.01	183	Prochloraz	0.005	246	Triflurozinon	0.01
58	Diethofencarb	0.005	121	Imidacloprid	0.01	184	Prochloraz BTS 44595	0.01	247	Triflurosulfuron methyl	0.01
59	Diflufenican	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	Iproconazole	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	Propoxycarbazone	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	Aclonifen	0.01	65	DMF	0.01	126	Isopyrazam	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	Quinclamine	0.1
11	Azadirachtin	0.01	72	Etoxazole	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 sulphoxide	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	Methoprotryne	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	Carbamide	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	Tepraloxydim	0.01
35	Chlorpyrifos	0.01	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	Clodinafop propargyl	0.01	99	Fluopicolide	0.01	160	Oxamyl	0.01	221	Terbufos sulphoxide	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	Paraoxon-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	Cydoxydim	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 sulphoxide	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	Imazalil	0.01	176	Prochloraz	0.01	237	Triflumuron	0.01
55	Diethofencarb	0.01	116	Imazapic	0.01	177	Prochloraz BTS 44595	0.01	238	Triflusaluron methyl	0.01
56	Diflubenzuron	0.01	117	Imidacloprid	0.01	178	Prochloraz BTS 44596	0.01	239	Triticonazole	0.01
57	Diflufenican	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	Ipconazole	0.01	181	Propoxur	0.01			
60	Dinotefuran	0.01	121	Iprovalicarb	0.01	182	Propoxycarbazone	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	Isoprocarb	0.005	182	Propoxycarbazono	0.005
3	Acetamiprid	0.005	63	DMF	0.005	123	Isoprothiolane	0.005	183	Proquinazid	0.005
4	Aclonifen	0.005	64	DMPF	0.005	124	Isoproturon	0.005	184	Prosulfocarb	0.005
5	Aldicarb	0.005	65	Emamectin B1a	0.005	125	Isopyrazam	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	Pyrifenoxy	0.005
9	Amidosulfuron	0.005	69	Ethinimol	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	Malaaxon	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	Safufenacil	0.01
16	Benthiavalicarb isopropyl	0.005	76	Fenbuconazole	0.005	136	Metalaxyl	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 sulphoxide	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	Fensulfotioin	0.0025	144	Methoprotiryne	0.01	204	Spirotetramat enol-glucoside	0.005
25	Carbetamide	0.005	85	Fensulfotioin oxon	0.0025	145	Methoxyfenozide	0.005	205	Spirotetramat ketohydroxy	0.005
26	Carbofuran	0.005	86	Fensulfotioin oxon sulphone	0.0025	146	Metobromuron	0.01	206	Spirotetramat monohydroxy	0.005
27	Carbofuran 3-hydroxy	0.005	87	Fensulfotioin 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	Carfentrazone-ethyl	0.01	89	Fenthion oxon	0.01	149	Mefenoxuron	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	Fonicamid	0.005	154	Nicosulfuron	0.01	214	Teflubenzuron	0.005
35	Chromafenozide	0.005	95	Florasulam	0.01	155	Nitenpyram	0.01	215	Tepaloxdim	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 sulphoxide	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	Paraoxon-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	Thiencazobazone-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 sulphoxide	0.0025	110	Fuberidazole	0.005	170	Phenthoate	0.005	230	Topramezone	0.01
51	Desmedipham	0.005	111	Halofenozide	0.01	171	Phosmet	0.005	231	Traloxoxymid	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	Diflubenzuron	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	Triflumuron	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	Iponazole	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	Isopyrazam	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	Pyrifenoxy	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	Etoxazole	0.01	130	Malaoxon	0.01	189	Pyroxsulam	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	Quizalofop-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	Metaxyl	0.01	193	Rotenone	0.01
17	Benthiocarb	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	Bromacil	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	Methoxyprotryne	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	Metoflachlor-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	Spiroxamine	0.01
30	Carbofuran 3-keto	0.01	89	Fenthion	0.01	148	Metrafenone	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	Tebuconazole	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	Terbuthylazine	0.01
41	Cyantraniliprole	0.01	100	Fluoxastrobin	0.01	159	Oxycarboxin	0.01	218	Thiabendazole	0.01
42	Cyazofamid	0.01	101	Flupyradifurone	0.01	160	Paraoxon-methyl	0.01	219	Thiacloprid	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	Thiencazabone-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 sulphoxide	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	Dicrotophos	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	Triflumizole	0.01
56	Diflufenzuron	0.01	115	Indoxacarb	0.01	174	Prochloraz	0.01	233	Trifluzuron	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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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 575

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	Aclonifen	0.01	56	DMF	0.01	108	Lenacil	0.01	160	Pyrifenox	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	Pyroxulam	0.01
8	Ametoctradin	0.01	60	Ethiofencarb	0.01	112	Malathion	0.01	164	Quinoxamine	0.1
9	Amidosulfuron	0.01	61	Ethirimol	0.01	113	Mandipropamid	0.01	165	Quizalofop-ethyl	0.01
10	Amisulbrom	0.01	62	Etoxazole	0.01	114	Metalfumizone	0.01	166	Rimsulfuron	0.01
11	Azadirachtin	0.01	63	Famoxadone	0.01	115	Metaxyl	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 sulphoxide	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	Methoprotryne	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 keto-hydroxy	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	Metrafenone	0.01	179	Spiroxamine	0.01
24	Carbofuran	0.01	76	Fensulfothion	0.01	128	Metsulfuron-methyl	0.01	180	Sulfometuron methyl	0.005
25	Carbofuran 3-hydroxy	0.01	77	Fensulfothion oxon	0.01	129	Monocrotophos	0.01	181	Sulfosulfuron	0.01
26	Carbofuran 3-keto	0.01	78	Fensulfothion oxon sulphone	0.01	130	Monuron	0.01	182	Sulfoxaflor	0.01
27	Carfentrazone-ethyl	0.01	79	Fensulfothion sulphone	0.01	131	Napropamide	0.01	183	Tebuconazole	0.01
28	Chlorantraniliprole	0.01	80	Fenthion	0.01	132	Nitenpyram	0.01	184	Tebufenozide	0.01
29	Chloridazon	0.01	81	Fenthion sulfoxide	0.01	133	Omethoate	0.01	185	Tebufenpyrad	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	Chlorsulfuron	0.01	84	Flufenacet	0.01	136	Oxycarboxin	0.01	188	Terbufos sulphone	0.01
33	Chromafenozide	0.01	85	Flufenoxuron	0.01	137	Paraoxon-methyl	0.01	189	Terbufos sulphoxide	0.01
34	Clofentezine	0.01	86	Fluopicolide	0.01	138	Parathion	0.01	190	Terbuthylazine	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	Fosthiazate	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 sulphoxide	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	Triflururon	0.01
47	Diclotophos	0.01	99	Imidacloprid	0.01	151	Prochloraz BTS 44596	0.01	203	Triflurosulfuron methyl	0.01
48	Diethofencarb	0.01	100	Indoxacarb	0.01	152	Propamocarb	0.01	204	Triticonazole	0.01
49	Diflubenzuron	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	Propoxycarbazone	0.01			
52	Dimethoate	0.01	104	Isoprocab	0.01	156	Proquinazid	0.01			



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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



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	Aziprotryne	0.01	42	Dimethoate	0.01	75	Mandipropamid	0.01	108	Silthiofam	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	Methoprotryne	0.01	112	Spinosyn D	0.01
14	Benzovindiflupyr	0.01	47	Fenamidon	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	Tebufenozide	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	Terbuthylazine	0.01
24	Carbofuran 3-keto	0.01	57	Fluoxastrobin	0.01	90	Omethoate	0.01	123	Thiacloprid	0.01
25	Carfentrazone-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	Diiflufenzopyr	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	Clopyralid	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. canola, 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	Diiflufenzopyr	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	Diiflufenzopyr	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	Diiflufenzopyr	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	Clopyralid	0.01	21	Imazapyr	0.01	32	Triclopyr	0.01
11	Dicamba	0.01	22	Imazethapyr	0.01			



**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



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	4	Fenbutatin oxide	0.005	7	TFNA	0.005
2	Dithianon	0.005	5	Fentin	0.0025	8	TFNA-AM	0.005
3	Dodine	0.005	6	Flonicamid	0.005	9	TFNG	0.005

Table 4b. LC-MS/MS - SANTE: groups 4, 5, 6 (e.g. cereals, canola, 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



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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	2-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	Procyimidone	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	Imazalil	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	Pyrifenox	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	Mepronil	0.005	222	Quinoxifen	0.005
36	Chlorbenside	0.005	99	Endosulfan sulphate	0.005	162	Metalaxyl	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	Methacrifos	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	Tebufenpyrad	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	Fenclorphos	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	Cycoate	0.005	120	Fenpropidin	0.005	183	Pencycuron	0.005	244	Triazophos	0.005
58	Cyfluthrin	0.005	121	Fenpropimorph	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	Acetamidiprid	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	Pyrifenox	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	Malaoxon	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	Quizalofop-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	Benthiavalicarb 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 sulphoxide	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	Methoprotryne	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	Fensulfotlion	0.01	121	Metolachlor-S	0.01	171	Spirotetramat enol	0.01
22	Carbendazim	0.01	72	Fensulfotlion oxon	0.01	122	Metoxuron	0.01	172	Spirotetramat enol-glucoside	0.01
23	Carbetamide	0.01	73	Fensulfotlion oxon sulphone	0.01	123	Metrafenone	0.01	173	Spirotetramat ketohydroxy	0.01
24	Carbofuran	0.01	74	Fensulfotlion 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 sulphoxide	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	Thiencazone-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 sulphoxide	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	Triflumuron	0.01
47	Dicrotophos	0.01	97	Ipconazole	0.01	147	Propamocarb	0.01	197	Triflusaluron methyl	0.01
48	Diethofencarb	0.01	98	Iprovalicarb	0.01	148	Propaquizafop	0.01	198	Triticonazole	0.01
49	Diflubenzuron	0.01	99	Isoprocarb	0.01	149	Propoxur	0.01	199	Tritosulfuron	0.01
50	Diflufenican	0.01	100	Isoprothiolane	0.01	150	Propoxycarbazone	0.01	200	Zoxamide	0.01



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	lambda-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-alle	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	Malaaxon	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	Metalaxyl	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	Flutriafof	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	Haloxypfop	0.05	76	Nicosulfuron	0.05			
25	Dimethoate	0.05	51	Imazalil	0.05	77	Omethoate	0.05			
26	Ethamsulfuron-methyl	0.05	52	Iprovalicarb	0.05	78	Oxadixyl	0.05			



Table 9. LC-MS/MS – Nicotine

Substance name	Substance Accredited (A)/ non-accredited (NA)	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 such as teas, spices	SANTE group 8 such as milk, yogurts	SANTE group 9 eggs	Soil	Water
			Limit of quantification (GO) [mg/kg].							
Nicotine	A	LC-MS/MS	0.01	-	-	-	-	-	-	-

Table 10. GC-MS – Dithiocarbamates

Substance name	Substance Accredited (A)/ non-accredited (NA)	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 such as teas, spices	SANTE group 8 such as milk, yogurts	SANTE group 9 eggs	Soil	Water
			Limit of quantification (GO) [mg/kg].							
Dithiocarbamates expressed as CS ₂ (ferbam, mancozeb, maneb, metam, metiram, nabam, propineb, thiram, ziram, zineb)	A	GC-MS	0.005	0.005	0.005	0.005	-	-	-	-

Table 11. GC-MS - Ethylene oxide

Substance name	Substance Accredited (A)/ non-accredited (NA)	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 such as teas, spices	SANTE group 8 such as milk, yogurts	SANTE group 9 eggs	Soil	Water
			Limit of quantification (GO) [mg/kg].							
Ethylene oxide (2-chloroethanol expressed as ethylene oxide)	A	GC-MS	0.02	0.02	0.02	0.02	0.02	-	-	-



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

Substance name	Substance Accredited (A)/ non-accredited (NA)	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 such as teas, spices	SANTE group 8 such as milk, yogurts	SANTE group 9 eggs	Soil	Water
			Limit of quantification (GO) [mg/kg].							
Glyphosate	A	LC-MS/MS	0.01	0.05	0.05	0.05	-	0.01	0.05 (NA)	0.05 (NA)
Trimethylsulfonyl cation	A	LC-MS/MS	0.01	0.05	0.05	0.05	-	0.01	-	-
Glufosinate together with metabolites (MPP, N-Acetyl-Glufosinate)	A	LC-MS/MS	0.025	0.025	0.025	0.05	-	-	-	-
MPP (Glufosinate metabolite)	A	LC-MS/MS	0.025	0.025	0.025	0.05	-	-	-	-
N-Acetyl-Glufosinate (Glufosinate metabolite)	A	LC-MS/MS	0.025	0.025	0.025	0.05	-	-	-	-
Ethephon	A	LC-MS/MS	0.01	0.01	0.01	0.01	-	0.01	-	-
AMPA	NA	LC-MS/MS	0.05	0.05	0.05	0.05	-	-	-	-

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

Substance name	Substance Accredited (A)/ non-accredited (NA)	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 such as teas, spices	SANTE group 8 such as milk, yogurts	SANTE group 9 eggs	Soil	Water
			Limit of quantification (GO) [mg/kg].							
Chlorates	A	LC-MS/MS	0.01	0.01	0.01	0.01	-	-	-	-
Perchlorates	A	LC-MS/MS	0.01	0.01	0.01	0.01	-	-	-	-
Phosetyl	A	LC-MS/MS	0.01	0.01	0.01	0.01	-	-	-	-
Phosphonic acid	A	LC-MS/MS	0.1	0.1	0.1	0.1	-	-	-	-
Bromide ion	A	LC-MS/MS	0.2	0.5	0.5	-	-	-	-	-



**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



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

Substance name	Substance Accredited (A)/ non-accredited (NA)	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 such as teas, spices	SANTE group 8 such as milk, yogurts	SANTE group 9 eggs	Soil	Water
			Limit of quantification (GO) [mg/kg].							
Chlormequat chloride	A	LC-MS/MS	0.005	0.005	0.005	0.005	0.005	0.005	-	-
Mepiquat chloride	A	LC-MS/MS	0.005	0.005	0.005	0.005	0.005	0.005	-	-
Cyromazine	A	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	0.01	-	-
Maleic hydrazide	A	LC-MS/MS	0.05	0.05	0.05	0.05	0.05	-	-	-
Matrine	A	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
Oxymatrine	A	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
Melamine	A	LC-MS/MS	0.01	0.01	0.01	0.01	0.01	-	-	-
ETU	NA	LC-MS/MS	0.01	-	0.01	-	-	-	-	-
PTU	NA	LC-MS/MS	0.005	-	0.005	-	-	-	-	-

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OF HORTICULTURAL RESEARCH
FOOD SAFETY LABORATORY

Artur Miszczak, PhD
head of the laboratory