Supplementary Methods S1. Quality Control and Validation Procedures

S1.1. Validation design and instrumental sequence
The overall quality-control procedures:
Validation was undertaken following the completion of each method development
A typical instrumental sample sequence of a validation was:

- solvent blank
- calibration standards
- blank sample – non-spiked analytical test portion
- 5 spiked samples at target LOQ
- 5 spiked samples at 10 x target LOQ
- matrix-match calibration standards

S1.2. Routine quality-control procedures

During routine analyses, each batch of chromatographic analytical samples (instrumental sample sequence) consist of:

- solvent blank (to ensure that the mobile phases, solvents, and glassware are free of interfering analytes
- matrix sample spiked at LOQ level
- recovery for analyzed matrix sample at LOQ level
- matrix-match calibration standards (5 point calibration from LOQ level to 1ppm)
- 10 analytical samples
- matrix sample spiked at LOQ level
- 10 analytical samples
- matrix sample spiked at LOQ level
- matrix-match calibration standards (5 point calibration from LOQ level to 1ppm)

S1.3. Internal standards and correction strategy

Internal standards (Triphenylphosphate and Chlorpyrifos D10 for multiresidue QuEchERS methods, and individual isotopic standards appropriate for each single residue QuPPe methods) were used to compensate for variations in injection volume, flow rate fluctuations, and matrix-induced signal changes.

S1.4. Control charts and ongoing performance monitoring

Control charts (Shewhart charts) are maintained continuously during routine analyses for:

- internal control sample
- duplicate analyses of samples

- analytical standards of the most frequently detected pesticides

S1.5. Proficiency testing

Performance of each method once a year (at least) is checked in each of EUPT Proficiency Tests e.g. in FV (fruits &vegetables), CF (cereals & feedingstuff), SRM (single residue methods), and AO (animal matrices)

Table S1. GC–MS/MS and LC–MS/MS detector parameters used for pesticide residue analysis, including retention times (RT), precursor ions, product ions, collision energies, and ion transitions applied for chromatographic and mass spectrometric quality control

Table S1. GC–MS/MS detector parameters used for pesticide residue analysis, including retention times (RT), precursor ions, product ions, collision energies, and ion transitions applied for compound identification and confirmation.

Compound Name	Precursor Ion	MS1 Resolution	Product Ion	MS2 Resolution	RT (min)	Left RT Delta (min)	Right RT Delta (min)	Dwell	CE (eV)	Response Level
2,4 Dicofol	251,9	Wide	141,0	Wide	17,85	1	1	5,8	5	Medium
2,4 Dicofol	251,9	Wide	139,0	Wide	17,85	1	1	5,8	5	Medium
2,4 Dicofol	249,9	Wide	139,0	Wide	17,85	1	1	5,8	5	Medium
2,4 Dicofol	138,9	Wide	111,1	Wide	17,85	1	1	5,8	10	Medium
Acetochlor	222,9	Wide	147,2	Wide	16,55	1	1	5,2	5	Medium
Acetochlor	174,0	Wide	146,1	Wide	16,55	1	1	5,2	10	Medium
Acetochlor	146,0	Wide	131,1	Wide	16,55	1	1	5,2	10	Medium
Acrinathrin	288,9	Wide	92,8	Wide	30,93	1	1	6,0	10	Medium
Acrinathrin	207,8	Wide	181,1	Wide	30,93	1	1	6,0	10	Medium
Acrinathrin	207,8	Wide	152,0	Wide	30,93	1	1	6,0	35	Medium
Acrinathrin	181,0	Wide	152,0	Wide	30,93	1	1	6,0	30	Medium
Acrinathrin	181,0	Wide	127,0	Wide	30,93	1	1	6,0	30	Medium
Alachlor	188,1	Wide	160,2	Wide	16,98	1	1	5,5	10	Medium
Alachlor	160,0	Wide	132,1	Wide	16,98	1	1	5,5	10	Medium
Aldrin	262,9	Wide	192,9	Wide	18,97	1	1	5,3	35	Medium
Aldrin	254,9	Wide	220,0	Wide	18,97	1	1	5,3	20	Medium
Allethrin	123,0	Wide	81,0	Wide	22,18	1	1	3,5	10	Medium
Allethrin	107,0	Wide	91,0	Wide	22,18	1	1	3,5	15	Medium
Allethrin	91,0	Wide	65,0	Wide	22,18	1	1	3,5	15	Medium
Ametryn	227,0	Wide	170,1	Wide	17,46	1	1	5,8	10	Medium
Ametryn	227,0	Wide	58,1	Wide	17,46	1	1	5,8	10	Medium
Ametryn	185,0	Wide	170,0	Wide	17,46	1	1	5,8	5	Medium
Aminocarb	151,0	Wide	150,0	Wide	13,75	1	1	5,4	15	Medium
Aminocarb	151,0	Wide	136,1	Wide	13,75	1	1	5,4	15	Medium
Anthraquinone	208,0	Wide	180,2	Wide	19,06	1	1	5,2	10	Medium
Anthraquinone	208,0	Wide	152,2	Wide	19,06	1	1	5,2	20	Medium
Anthraquinone	180,0	Wide	152,1	Wide	19,06	1	1	5,2	10	Medium
Atrazine	214,9	Wide	200,2	Wide	13,41	1	1	5,7	5	Medium
Atrazine	214,9	Wide	58,1	Wide	13,41	1	1	5,7	10	Medium

Azaconazole	219,0	Wide	175,0	Wide	24,84	1	1	3,9	15	Medium
Azaconazole	217,0	Wide	173,1	Wide	24,84	1	1	3,9	15	Medium
Azinphos-ethyl	160,0	Wide	77,1	Wide	30,94	1	1	6,1	20	Medium
Azinphos-ethyl	132,0	Wide	104,0	Wide	30,94	1	1	6,1	5	Medium
Azinphos-ethyl	105,0	Wide	77,1	Wide	30,94	1	1	6,1	10	Medium
Azinphos-methyl	160,0	Wide	132,1	Wide	29,99	1	1	4,4	0	Medium
Azinphos-methyl	132,0	Wide	77,1	Wide	29,99	1	1	4,4	15	Medium
Azoksystrobina D4	392,0	Wide	364,0	Wide	36,9	1	1	39,7	10	Medium
Azoksystrobina D4	348,0	Wide	332,0	Wide	36,9	1	1	39,7	30	Medium
Azoxystrobin	344,1	Wide	329,0	Wide	36,89	1	1	32,3	15	Medium
Azoxystrobin	344,1	Wide	182,9	Wide	36,89	1	1	32,3	40	Medium
Azoxystrobin	344,1	Wide	171,9	Wide	36,89	1	1	32,3	40	Medium
Beflubutamid	221,0	Wide	193,1	Wide	22,2	1	1	3,5	5	Medium
Beflubutamid	176,1	Wide	91,1	Wide	22,2	1	1	3,5	10	Medium
Benalaxyl	266,0	Wide	148,1	Wide	26,91	1	1	5,2	5	Medium
Benalaxyl	148,0	Wide	105,1	Wide	26,91	1	1	5,2	20	Medium
Benalaxyl	148,0	Wide	77,0	Wide	26,91	1	1	5,2	35	Medium
Benalaxyl M	266,0	Wide	148,0	Wide	26,91	1	1	5,2	5	Medium
Benalaxyl M	206,0	Wide	132,0	Wide	26,91	1	1	5,2	20	Medium
Benfluralin	292,0	Wide	264,0	Wide	11,66	1	1	9,0	5	Medium
Benfluralin	292,0	Wide	206,0	Wide	11,66	1	1	9,0	10	Medium
Benfuracarb	164,2	Wide	149,1	Wide	29,74	1	1	3,8	10	Medium
Benfuracarb	164,2	Wide	103,1	Wide	29,74	1	1	3,8	30	Medium
BHC-alpha (benzene hexachloride)	218,9	Wide	183,0	Wide	12,23	1	1	7,8	5	Medium
BHC-alpha (benzene hexachloride)	216,9	Wide	181,0	Wide	12,23	1	1	7,8	5	Medium
BHC-beta	216,9	Wide	181,1	Wide	13,275	1	1	5,9	5	Medium
BHC-beta	181,0	Wide	145,0	Wide	13,275	1	1	5,9	15	Medium
BHC-gamma (Lindane, gamma HCH)	216,9	Wide	181,0	Wide	13,63	1	1	5,5	5	Medium
BHC-gamma (Lindane, gamma HCH)	181,0	Wide	145,0	Wide	13,63	1	1	5,5	15	Medium
Bifenazate	258,1	Wide	196,1	Wide	29,17	1	1	3,5	15	Medium
Bifenazate	199,0	Wide	184,2	Wide	29,17	1	1	3,5	10	Medium
Bifenazate	184,0	Wide	156,2	Wide	29,17	1	1	3,5	10	Medium
Bifenazate-Diazen	258,1	Wide	199,1	Wide	29,17	1	1	3,5	10	Medium
Bifenazate-Diazen	258,1	Wide	196,1	Wide	29,17	1	1	3,5	15	Medium

Bifenazate-Diazen	199,1	Wide	184,1	Wide	29,17	1	1	3,5	15	Medium
Bifenazate-Diazen	184,1	Wide	156,1	Wide	29,17	1	1	3,5	15	Medium
Bifenox	340,9	Wide	309,9	Wide	29,47	1	1	3,5	10	Medium
Bifenox	189,1	Wide	126,0	Wide	29,47	1	1	3,5	20	Medium
Bifenthrin	181,2	Wide	166,2	Wide	29,07	1	1	3,5	10	Medium
Bifenthrin	181,2	Wide	165,2	Wide	29,07	1	1	3,5	25	Medium
Bifenthrin	166,2	Wide	165,2	Wide	29,07	1	1	3,5	20	Medium
Biphenyl	154,1	Wide	153,1	Wide	7,26	1	1	21,7	15	Medium
Biphenyl	153,1	Wide	152,1	Wide	7,26	1	1	21,7	15	Medium
Bitertanol I	171,0	Wide	142,0	Wide	31,6	1	1	7,4	20	Medium
Bitertanol I	170,1	Wide	141,1	Wide	31,6	1	1	7,4	20	Medium
Bitertanol I	170,1	Wide	115,0	Wide	31,6	1	1	7,4	40	Medium
Boscalid	140,0	Wide	112,0	Wide	33,097	1	1	9,6	10	Medium
Boscalid	140,0	Wide	76,0	Wide	33,097	1	1	9,6	25	Medium
Bromfenvinfos	268,9	Wide	161,1	Wide	23,73	1	1	3,5	15	Medium
Bromfenvinfos	266,9	Wide	159,1	Wide	23,73	1	1	3,5	15	Medium
Bromocyclen	271,8	Wide	236,9	Wide	15,5	1	1	5,7	15	Medium
Bromocyclen	236,9	Wide	118,9	Wide	15,5	1	1	5,7	30	Medium
Bromophos ethyl	358,7	Wide	302,8	Wide	22,67	1	1	3,5	15	Medium
Bromophos ethyl	302,8	Wide	284,7	Wide	22,67	1	1	3,5	15	Medium
Bromophos ethyl	241,9	Wide	96,9	Wide	22,67	1	1	3,5	30	Medium
Bromophos methyl	330,8	Wide	315,8	Wide	20,22	1	1	5,0	15	Medium
Bromophos methyl	124,9	Wide	79,0	Wide	20,22	1	1	5,0	10	Medium
Bromophos methyl	124,9	Wide	47,0	Wide	20,22	1	1	5,0	10	Medium
Bromopropylate	185,0	Wide	157,0	Wide	29	1	1	3,5	15	Medium
Bromopropylate	183,0	Wide	155,0	Wide	29	1	1	3,5	15	Medium
Bupirimate	272,9	Wide	193,1	Wide	24,9	1	1	4,0	5	Medium
Bupirimate	272,9	Wide	108,0	Wide	24,9	1	1	4,0	15	Medium
Bupirimate	208,0	Wide	165,1	Wide	24,9	1	1	4,0	10	Medium
Buprofezin (Z-isomer)	175,0	Wide	132,0	Wide	24,78	1	1	3,8	15	Medium
Buprofezin (Z-isomer)	119,0	Wide	91,0	Wide	24,78	1	1	3,8	15	Medium
Buprofezin (Z-isomer)	105,0	Wide	104,1	Wide	24,78	1	1	3,8	10	Medium
Buprofezin (Z-isomer)	105,0	Wide	77,0	Wide	24,78	1	1	3,8	20	Medium
Butachlor	188,1	Wide	160,2	Wide	23,28	1	1	3,5	10	Medium

Butachlor	176,1	Wide	147,1	Wide	23,28	1	1	3,5	10	Medium
Butafenacil	331,0	Wide	180,0	Wide	32,23	1	1	8,1	25	Medium
Butafenacil	180,0	Wide	124,0	Wide	32,23	1	1	8,1	15	Medium
Butylate	156,0	Wide	57,1	Wide	7,69	1	1	15,8	5	Medium
Butylate	146,1	Wide	90,0	Wide	7,69	1	1	15,8	5	Medium
Captafol	183,0	Wide	79,0	Wide	27,5	1	1	4,6	10	Medium
Captafol	150,0	Wide	79,0	Wide	27,5	1	1	4,6	5	Medium
Captan	264,0	Wide	105,0	Wide	21,74	1	1	3,7	5	Medium
Captan	264,0	Wide	79,0	Wide	21,74	1	1	3,7	25	Medium
Captan	151,0	Wide	80,0	Wide	21,74	1	1	3,7	5	Medium
Captan	151,0	Wide	79,0	Wide	21,74	1	1	3,7	15	Medium
Captan	149,0	Wide	79,1	Wide	21,74	1	1	3,7	10	Medium
Captan D6	270,0	Wide	154,0	Wide	21,6	1	1	3,8	20	Medium
Captan D6	270,0	Wide	84,0	Wide	21,6	1	1	3,8	25	Medium
Captan D6	157,1	Wide	86,1	Wide	21,6	1	1	3,8	5	Medium
Captan D6	157,1	Wide	84,1	Wide	21,6	1	1	3,8	25	Medium
Captan D6	154,0	Wide	84,0	Wide	21,6	1	1	3,8	20	Medium
Carbaryl	144,0	Wide	116,1	Wide	17,14	1	1	5,6	10	Medium
Carbaryl	144,0	Wide	115,1	Wide	17,14	1	1	5,6	20	Medium
Carbaryl	116,0	Wide	115,1	Wide	17,14	1	1	5,6	10	Medium
Carboxin	234,9	Wide	143,0	Wide	24,7	1	1	3,7	10	Medium
Carboxin	234,9	Wide	87,0	Wide	24,7	1	1	3,7	20	Medium
Carboxin	143,0	Wide	87,0	Wide	24,7	1	1	3,7	5	Medium
Chinomethionate (Oxythioquinox)	233,9	Wide	206,1	Wide	22,48	1	1	3,5	10	Medium
Chinomethionate (Oxythioquinox)	206,0	Wide	148,1	Wide	22,48	1	1	3,5	15	Medium
Chlorbenside	268,0	Wide	125,0	Wide	22,55	1	1	3,5	15	Medium
Chlorbenside	268,0	Wide	125,0	Wide	22,55	1	1	3,5	5	Medium
Chlorbenside	125,0	Wide	99,0	Wide	22,55	1	1	3,5	5	Medium
Chlorbenside	125,0	Wide	99,0	Wide	22,55	1	1	3,5	15	Medium
Chlorbenside	125,0	Wide	89,0	Wide	22,55	1	1	3,5	15	Medium
Chlorbenside	125,0	Wide	89,0	Wide	22,55	1	1	3,5	5	Medium
Chlorbufam	223,0	Wide	171,0	Wide	13,46	1	1	5,6	5	Medium
Chlorbufam	153,0	Wide	125,1	Wide	13,46	1	1	5,6	10	Medium
Chlorbufam	153,0	Wide	90,0	Wide	13,46	1	1	5,6	20	Medium

Chlorbufam	127,0	Wide	100,0	Wide	13,46	1	1	5,6	20	Medium
Chlordane-cis (alpha)	374,9	Wide	265,9	Wide	23,13	1	1	3,5	20	Medium
Chlordane-cis (alpha)	372,9	Wide	265,9	Wide	23,13	1	1	3,5	20	Medium
Chlordane-cis (alpha)	271,9	Wide	236,9	Wide	23,13	1	1	3,5	15	Medium
Chlordane-oxy	184,9	Wide	121,0	Wide	21,16	1	1	4,3	15	Medium
Chlordane-oxy	114,9	Wide	87,0	Wide	21,16	1	1	4,3	15	Medium
Chlordane-oxy	114,9	Wide	51,1	Wide	21,16	1	1	4,3	25	Medium
Chlordane-trans (gamma)	374,8	Wide	265,8	Wide	22,4	1	1	3,5	15	Medium
Chlordane-trans (gamma)	372,8	Wide	265,8	Wide	22,4	1	1	3,5	15	Medium
Chlordane-trans (gamma)	271,7	Wide	236,9	Wide	22,4	1	1	3,5	15	Medium
Chlorfenapyr	327,8	Wide	246,8	Wide	25,22	1	1	4,5	15	Medium
Chlorfenapyr	246,9	Wide	227,0	Wide	25,22	1	1	4,5	15	Medium
Chlorfenapyr	136,9	Wide	102,0	Wide	25,22	1	1	4,5	15	Medium
Chlorfenson	175,0	Wide	111,0	Wide	23,83	1	1	3,5	10	Medium
Chlorfenson	111,0	Wide	75,0	Wide	23,83	1	1	3,5	15	Medium
Chlorfenvinphos	322,8	Wide	266,8	Wide	21,68	1	1	3,7	10	Medium
Chlorfenvinphos	266,9	Wide	159,1	Wide	21,68	1	1	3,7	15	Medium
Chlormephos	154,0	Wide	65,0	Wide	7,82	1	1	14,8	15	Medium
Chlormephos	121,0	Wide	65,0	Wide	7,82	1	1	14,8	10	Medium
Chlorobenzilate	139,1	Wide	111,0	Wide	25,77	1	1	4,9	10	Medium
Chlorobenzilate	139,1	Wide	75,1	Wide	25,77	1	1	4,9	30	Medium
Chloropropylate	251,1	Wide	139,1	Wide	25,77	1	1	4,9	15	Medium
Chloropropylate	251,1	Wide	111,1	Wide	25,77	1	1	4,9	35	Medium
Chlorothalonil	263,8	Wide	229,0	Wide	14,37	1	1	5,5	20	Medium
Chlorothalonil	263,8	Wide	168,0	Wide	14,37	1	1	5,5	25	Medium
Chlorpropham	171,0	Wide	127,1	Wide	11,37	1	1	10,5	5	Medium
Chlorpropham	153,0	Wide	125,1	Wide	11,37	1	1	10,5	10	Medium
Chlorpropham	153,0	Wide	90,0	Wide	11,37	1	1	10,5	25	Medium
Chlorpyrifos	313,8	Wide	285,8	Wide	19,14	1	1	5,1	5	Medium
Chlorpyrifos	313,8	Wide	257,8	Wide	19,14	1	1	5,1	15	Medium
Chlorpyrifos	198,9	Wide	171,0	Wide	19,14	1	1	5,1	15	Medium
Chlorpyrifos	196,9	Wide	169,0	Wide	19,14	1	1	5,1	15	Medium
Chlorpyrifos D10	324,0	Wide	260,0	Wide	18,92	1	1	5,4	15	Medium
Chlorpyrifos D10	324,0	Wide	195,0	Wide	18,92	1	1	5,4	30	Medium

Chlorpyrifos-methyl	287,9	Wide	272,2	Wide	16,515	1	1	5,2	15	Medium
Chlorpyrifos-methyl	286,0	Wide	208,0	Wide	16,515	1	1	5,2	15	Medium
Chlorpyrifos-methyl	124,9	Wide	78,9	Wide	16,515	1	1	5,2	5	Medium
Chlorpyrifos-methyl	124,9	Wide	47,0	Wide	16,515	1	1	5,2	15	Medium
Chlorthion	297,0	Wide	109,0	Wide	19,36	1	1	5,1	5	Medium
Chlorthion	125,1	Wide	79,0	Wide	19,36	1	1	5,1	5	Medium
Chlorthion	125,1	Wide	47,1	Wide	19,36	1	1	5,1	10	Medium
Chlorthiophos	324,8	Wide	268,9	Wide	26,24	1	1	5,3	10	Medium
Chlorthiophos	296,8	Wide	268,9	Wide	26,24	1	1	5,3	5	Medium
CinerinI	123,0	Wide	81,0	Wide	25,1	1	1	4,3	15	Medium
CinerinI	107,0	Wide	91,0	Wide	25,1	1	1	4,3	15	Medium
CinerinII	133,0	Wide	105,0	Wide	28,62	1	1	3,6	10	Medium
CinerinII	133,0	Wide	77,0	Wide	28,62	1	1	3,6	40	Medium
Clodinafop-propargyl	266,0	Wide	91,0	Wide	27,54	1	1	4,5	15	Medium
Clodinafop-propargyl	238,0	Wide	130,0	Wide	27,54	1	1	4,5	15	Medium
Clomazone	204,1	Wide	107,1	Wide	13,48	1	1	5,6	20	Medium
Clomazone	125,0	Wide	99,0	Wide	13,48	1	1	5,6	15	Medium
Clomazone	125,0	Wide	89,0	Wide	13,48	1	1	5,6	15	Medium
Coumaphos	361,9	Wide	109,0	Wide	31,84	1	1	7,7	15	Medium
Coumaphos	210,0	Wide	182,0	Wide	31,84	1	1	7,7	10	Medium
Crimidine	170,9	Wide	142,1	Wide	8,79	1	1	14,8	5	Medium
Crimidine	142,0	Wide	106,1	Wide	8,79	1	1	14,8	10	Medium
Cyanazine	212,0	Wide	151,2	Wide	19,56	1	1	5,1	15	Medium
Cyanazine	212,0	Wide	123,1	Wide	19,56	1	1	5,1	15	Medium
Cyanofenphos	169,0	Wide	141,1	Wide	27,07	1	1	4,9	5	Medium
Cyanofenphos	169,0	Wide	77,1	Wide	27,07	1	1	4,9	25	Medium
Cyanophos	242,9	Wide	109,0	Wide	13,95	1	1	5,4	10	Medium
Cyanophos	124,9	Wide	47,0	Wide	13,95	1	1	5,4	15	Medium
Cycloate	154,1	Wide	83,1	Wide	10,99	1	1	12,2	5	Medium
Cycloate	83,0	Wide	55,1	Wide	10,99	1	1	12,2	5	Medium
Cyfluthrin I	162,9	Wide	127,0	Wide	32,4	1	1	8,5	5	Medium
Cyfluthrin I	162,9	Wide	90,9	Wide	32,4	1	1	8,5	15	Medium
Cyfluthrin II {CAS # 68359-37-5}	206,0	Wide	176,9	Wide	32,7	1	1	9,1	5	Medium
Cyfluthrin II {CAS # 68359-37-5}	206,0	Wide	176,9	Wide	32,7	1	1	9,1	20	Medium

Cyfluthrin II {CAS # 68359-37-5}	162,9	Wide	127,0	Wide	32,7	1	1	9,1	5	Medium
Cyfluthrin II {CAS # 68359-37-5}	162,9	Wide	90,9	Wide	32,7	1	1	9,1	15	Medium
Cyhalothrin (Gamma)	181,2	Wide	152,1	Wide	30,6	1	1	5,3	25	Medium
Cyhalothrin (Gamma)	141,0	Wide	115,1	Wide	30,6	1	1	5,3	15	Medium
Cyhalothrin (Gamma)	141,0	Wide	91,0	Wide	30,6	1	1	5,3	25	Medium
Cyhalothrin (lambda)	209,0	Wide	141,0	Wide	30,6	1	1	5,3	10	Medium
Cyhalothrin (lambda)	208,0	Wide	181,0	Wide	30,6	1	1	5,3	5	Medium
Cyhalothrin (lambda)	197,0	Wide	141,0	Wide	30,6	1	1	5,3	10	Medium
Cypermethrin alpha	209,0	Wide	141,1	Wide	33,1	1	1	9,6	5	Medium
Cypermethrin alpha	164,9	Wide	127,0	Wide	33,1	1	1	9,6	5	Medium
Cypermethrin alpha	164,9	Wide	91,0	Wide	33,1	1	1	9,6	10	Medium
Cypermethrin alpha	163,0	Wide	127,0	Wide	33,1	1	1	9,6	5	Medium
Cypermethrin alpha	163,0	Wide	91,0	Wide	33,1	1	1	9,6	10	Medium
Cypermethrin II {CAS # 52315-07-8}	164,9	Wide	127,0	Wide	33,3	1	1	9,7	10	Medium
Cypermethrin II {CAS # 52315-07-8}	163,1	Wide	127,1	Wide	33,3	1	1	9,7	15	Medium
Cypermethrin II {CAS # 52315-07-8}	163,1	Wide	91,0	Wide	33,3	1	1	9,7	5	Medium
Cyprazine	227,0	Wide	212,2	Wide	16,51	1	1	5,2	10	Medium
Cyprazine	212,1	Wide	170,1	Wide	16,51	1	1	5,2	10	Medium
Cyprazine	212,1	Wide	109,1	Wide	16,51	1	1	5,2	25	Medium
Cyproconazole	222,0	Wide	125,1	Wide	25,23	1	1	4,5	15	Medium
Cyproconazole	139,0	Wide	111,0	Wide	25,23	1	1	4,5	15	Medium
Cyprodinil	225,2	Wide	224,3	Wide	21	1	1	4,5	10	Medium
Cyprodinil	224,2	Wide	208,2	Wide	21	1	1	4,5	20	Medium
DCPA (Dacthal, Chlorthal-dimethyl)	300,9	Wide	223,0	Wide	19,333	1	1	5,1	25	Medium
DCPA (Dacthal, Chlorthal-dimethyl)	298,9	Wide	221,0	Wide	19,333	1	1	5,1	25	Medium
DDD-o,p'	237,0	Wide	165,2	Wide	24,6	1	1	3,6	20	Medium
DDD-o,p'	235,0	Wide	165,2	Wide	24,6	1	1	3,6	20	Medium
DDD-p,p'	236,9	Wide	165,2	Wide	26,02	1	1	5,1	20	Medium
DDD-p,p'	234,9	Wide	165,1	Wide	26,02	1	1	5,1	20	Medium
DDE-o,p'	248,0	Wide	176,2	Wide	22,79	1	1	3,5	30	Medium
DDE-o,p'	246,0	Wide	176,2	Wide	22,79	1	1	3,5	30	Medium
DDE-p,p'	315,8	Wide	246,0	Wide	24,35	1	1	3,5	15	Medium
DDE-p,p'	246,1	Wide	176,2	Wide	24,35	1	1	3,5	30	Medium
DDM	235,8	Wide	201,0	Wide	16,25	1	1	5,3	15	Medium

DDM	235,8	Wide	166,0	Wide	16,25	1	1	5,3	25	Medium
DDT-o,p'	237,0	Wide	165,2	Wide	26,08	1	1	5,2	20	Medium
DDT-o,p'	235,0	Wide	165,2	Wide	26,08	1	1	5,2	20	Medium
DDT-p,p'	237,0	Wide	165,2	Wide	27,34	1	1	4,6	20	Medium
DDT-p,p'	235,0	Wide	165,2	Wide	27,34	1	1	4,6	20	Medium
Deltamethrin	252,9	Wide	93,0	Wide	36,46	1	1	24,1	15	Medium
Deltamethrin	250,7	Wide	172,0	Wide	36,46	1	1	24,1	5	Medium
Deltamethrin	181,0	Wide	152,1	Wide	36,46	1	1	24,1	25	Medium
Demeton-S	143,0	Wide	115,0	Wide	12,86	1	1	6,6	5	Medium
Demeton-S	126,0	Wide	65,0	Wide	12,86	1	1	6,6	10	Medium
Demeton-S	88,0	Wide	60,0	Wide	12,86	1	1	6,6	5	Medium
Desmetryn	213,0	Wide	171,2	Wide	16,32	1	1	5,3	5	Medium
Desmetryn	213,0	Wide	58,1	Wide	16,32	1	1	5,3	10	Medium
Dialifos	208,0	Wide	89,0	Wide	31,05	1	1	6,5	25	Medium
Dialifos	173,0	Wide	104,0	Wide	31,05	1	1	6,5	10	Medium
Diazinon	276,0	Wide	179,1	Wide	14,42	1	1	5,5	5	Medium
Diazinon	199,1	Wide	135,1	Wide	14,42	1	1	5,5	10	Medium
Diazinon	179,1	Wide	137,1	Wide	14,42	1	1	5,5	20	Medium
Diazinon	137,1	Wide	84,0	Wide	14,42	1	1	5,5	10	Medium
Diazinon	137,1	Wide	54,0	Wide	14,42	1	1	5,5	20	Medium
Dichlofenthion	278,9	Wide	222,9	Wide	16,29	1	1	5,3	15	Medium
Dichlofenthion	222,9	Wide	204,9	Wide	16,29	1	1	5,3	15	Medium
Dichlofluanid	226,0	Wide	123,1	Wide	18,52	1	1	5,7	10	Medium
Dichlofluanid	223,9	Wide	123,1	Wide	18,52	1	1	5,7	10	Medium
Dichlofluanid	123,0	Wide	77,1	Wide	18,52	1	1	5,7	20	Medium
Dichloroaniline, 3,5-	163,0	Wide	90,0	Wide	7,47	1	1	18,5	20	Medium
Dichloroaniline, 3,5-	161,0	Wide	99,0	Wide	7,47	1	1	18,5	20	Medium
Dichloroaniline, 3,5-	161,0	Wide	90,0	Wide	7,47	1	1	18,5	20	Medium
Dichlorobenzamide, 2,6-	189,0	Wide	173,0	Wide	11,5	1	1	9,8	5	Medium
Dichlorobenzamide, 2,6-	175,0	Wide	109,0	Wide	11,5	1	1	9,8	30	Medium
Dichlorobenzamide, 2,6-	173,0	Wide	145,0	Wide	11,5	1	1	9,8	15	Medium
Dichlorobenzamide, 2,6-	173,0	Wide	109,0	Wide	11,5	1	1	9,8	30	Medium
Dichlorobenzonitrile, 2,6- (Dichlobenil)	171,0	Wide	136,1	Wide	6,79	1	1	26,7	15	Medium
Dichlorobenzonitrile, 2,6- (Dichlobenil)	171,0	Wide	100,0	Wide	6,79	1	1	26,7	25	Medium

Dichlorobenzophenone, 4,4'-	139,0	Wide	111,0	Wide	19,83	1	1	5,0	10	Medium
Dichlorobenzophenone, 4,4'-	139,0	Wide	75,1	Wide	19,83	1	1	5,0	30	Medium
Dichlorvos	184,9	Wide	93,0	Wide	5,9	1	1	60,5	10	Medium
Dichlorvos	109,0	Wide	79,0	Wide	5,9	1	1	60,5	5	Medium
Diclobutrazol	271,8	Wide	160,9	Wide	24,76	1	1	3,8	15	Medium
Diclobutrazol	269,8	Wide	158,9	Wide	24,76	1	1	3,8	20	Medium
Dicloran (Dichloran)	206,1	Wide	176,0	Wide	12,75	1	1	7,1	10	Medium
Dicloran (Dichloran)	160,1	Wide	124,1	Wide	12,75	1	1	7,1	10	Medium
Dicofol	140,9	Wide	113,0	Wide	19,83	1	1	5,0	20	Medium
Dicofol	139,0	Wide	113,0	Wide	19,83	1	1	5,0	15	Medium
Dicofol	139,0	Wide	111,0	Wide	19,83	1	1	5,0	15	Medium
Dicofol	139,0	Wide	75,0	Wide	19,83	1	1	5,0	25	Medium
Dieldrin	277,0	Wide	241,0	Wide	24,34	1	1	3,5	5	Medium
Dieldrin	262,9	Wide	193,0	Wide	24,34	1	1	3,5	35	Medium
Dieldrin	262,9	Wide	191,0	Wide	24,34	1	1	3,5	35	Medium
Diethofencarb	207,0	Wide	151,0	Wide	19,55	1	1	5,1	15	Medium
Diethofencarb	151,0	Wide	123,0	Wide	19,55	1	1	5,1	10	Medium
Difenoconazole I	322,8	Wide	264,8	Wide	35,8	1	1	21,8	15	Medium
Difenoconazole I	264,9	Wide	202,0	Wide	35,8	1	1	21,8	20	Medium
Dimethachlor	196,9	Wide	148,2	Wide	16,26	1	1	5,3	10	Medium
Dimethachlor	134,1	Wide	105,1	Wide	16,26	1	1	5,3	10	Medium
Dimethoate	92,9	Wide	63,0	Wide	12,81	1	1	6,8	10	Medium
Dimethoate	86,9	Wide	46,0	Wide	12,81	1	1	6,8	15	Medium
Dimethomorph I	302,9	Wide	164,9	Wide	36,8	1	1	27,6	10	Medium
Dimethomorph I	300,9	Wide	165,0	Wide	36,8	1	1	27,6	10	Medium
Dimethomorph II	302,9	Wide	164,9	Wide	37,5	1	1	51,8	10	Medium
Dimethomorph II	300,9	Wide	165,0	Wide	37,5	1	1	51,8	10	Medium
Dimoxystrobin	237,0	Wide	116,0	Wide	28,82	1	1	3,6	15	Medium
Dimoxystrobin	205,0	Wide	116,0	Wide	28,82	1	1	3,6	10	Medium
Dimoxystrobin	116,0	Wide	89,0	Wide	28,82	1	1	3,6	15	Medium
Dimoxystrobin	116,0	Wide	63,0	Wide	28,82	1	1	3,6	30	Medium
Diniconazole	269,9	Wide	232,0	Wide	25,87	1	1	5,0	10	Medium
Diniconazole	267,9	Wide	232,1	Wide	25,87	1	1	5,0	10	Medium
Dinitramine	260,7	Wide	241,0	Wide	14,86	1	1	5,8	10	Medium

Dinitramine	260,7	Wide	195,0	Wide	14,86	1	1	5,8	20	Medium
Dinobuton	211,0	Wide	163,0	Wide	21,93	1	1	3,5	5	Medium
Dinobuton	211,0	Wide	117,0	Wide	21,93	1	1	3,5	15	Medium
Dinobuton	211,0	Wide	89,0	Wide	21,93	1	1	3,5	30	Medium
Dinobuton	205,0	Wide	175,0	Wide	21,93	1	1	3,5	5	Medium
Dinoseb	211,0	Wide	163,1	Wide	14,63	1	1	5,7	5	Medium
Dinoseb	211,0	Wide	147,1	Wide	14,63	1	1	5,7	5	Medium
Dinoseb	211,0	Wide	117,1	Wide	14,63	1	1	5,7	15	Medium
Dioxabenzofos	215,9	Wide	201,0	Wide	11,59	1	1	9,3	10	Medium
Dioxabenzofos	183,0	Wide	153,0	Wide	11,59	1	1	9,3	10	Medium
Dioxacarb	166,0	Wide	165,1	Wide	16,25	1	1	5,3	15	Medium
Dioxacarb	165,0	Wide	121,0	Wide	16,25	1	1	5,3	15	Medium
Dioxacarb	149,0	Wide	105,0	Wide	16,25	1	1	5,3	15	Medium
Dioxacarb	121,0	Wide	65,1	Wide	16,25	1	1	5,3	15	Medium
Dioxathion	271,0	Wide	96,9	Wide	31,97	1	1	7,9	30	Medium
Dioxathion	185,0	Wide	129,0	Wide	31,97	1	1	7,9	15	Medium
Dioxathion	152,9	Wide	96,9	Wide	31,97	1	1	7,9	10	Medium
Dioxathion	124,9	Wide	96,9	Wide	31,97	1	1	7,9	5	Medium
Diphenylamine	170,0	Wide	169,2	Wide	10,77	1	1	13,6	15	Medium
Diphenylamine	169,0	Wide	168,2	Wide	10,77	1	1	13,6	15	Medium
Diphenylamine	168,0	Wide	167,2	Wide	10,77	1	1	13,6	15	Medium
Disulfoton	153,0	Wide	96,9	Wide	14,78	1	1	5,7	10	Medium
Disulfoton	88,0	Wide	60,0	Wide	14,78	1	1	5,7	5	Medium
Disulfoton Sulfone	213,0	Wide	153,0	Wide	23,16	1	1	3,5	5	Medium
Disulfoton Sulfone	213,0	Wide	125,0	Wide	23,16	1	1	3,5	5	Medium
Disulfoton Sulfone	152,9	Wide	97,0	Wide	23,16	1	1	3,5	10	Medium
Disulfoton Sulfoxide	212,0	Wide	153,0	Wide	6,59	1	1	31,0	5	Medium
Disulfoton Sulfoxide	212,0	Wide	96,9	Wide	6,59	1	1	31,0	25	Medium
Disulfoton Sulfoxide	153,0	Wide	124,9	Wide	6,59	1	1	31,0	5	Medium
Ditalimfos	148,0	Wide	130,1	Wide	23,42	1	1	3,5	10	Medium
Ditalimfos	130,0	Wide	102,1	Wide	23,42	1	1	3,5	10	Medium
DMST (Tolylfluanid metabolite)	106,0	Wide	79,0	Wide	13,68	1	1	5,5	5	Medium
DMST (Tolylfluanid metabolite)	106,0	Wide	77,0	Wide	13,68	1	1	5,5	15	Medium
Dodemorph I	154,0	Wide	112,1	Wide	20,4	1	1	5,0	10	Medium

Dodemorph I	154,0	Wide	82,1	Wide	20,4	1	1	5,0	15	Medium
Dodemorph II {CAS # 1593-77-7}	281,0	Wide	154,0	Wide	21,37	1	1	4,0	10	Medium
Dodemorph II {CAS # 1593-77-7}	154,0	Wide	97,0	Wide	21,37	1	1	4,0	10	Medium
Edifenphos	172,9	Wide	109,0	Wide	27,05	1	1	5,0	5	Medium
Edifenphos	108,9	Wide	65,1	Wide	27,05	1	1	5,0	15	Medium
Endosulfan I (alpha isomer)	236,8	Wide	118,9	Wide	23,09	1	1	3,5	25	Medium
Endosulfan I (alpha isomer)	194,9	Wide	160,0	Wide	23,09	1	1	3,5	5	Medium
Endosulfan I (alpha isomer)	194,9	Wide	159,0	Wide	23,09	1	1	3,5	5	Medium
Endosulfan II (beta isomer)	206,9	Wide	172,0	Wide	25,65	1	1	4,8	15	Medium
Endosulfan II (beta isomer)	194,9	Wide	158,9	Wide	25,65	1	1	4,8	10	Medium
Endosulfan sulfate	273,8	Wide	238,9	Wide	27,06	1	1	4,9	15	Medium
Endosulfan sulfate	271,9	Wide	237,0	Wide	27,06	1	1	4,9	15	Medium
Endrin	316,7	Wide	280,8	Wide	24,36	1	1	3,5	5	Medium
Endrin	316,7	Wide	100,8	Wide	24,36	1	1	3,5	10	Medium
Endrin	262,8	Wide	193,0	Wide	24,36	1	1	3,5	35	Medium
Endrin	244,8	Wide	210,0	Wide	24,36	1	1	3,5	10	Medium
Endrin ketone	316,8	Wide	280,7	Wide	28,55	1	1	3,6	5	Medium
Endrin ketone	316,8	Wide	100,8	Wide	28,55	1	1	3,6	10	Medium
Endrin ketone	280,9	Wide	244,8	Wide	28,55	1	1	3,6	10	Medium
EPN	169,0	Wide	141,1	Wide	28,93	1	1	3,6	5	Medium
EPN	169,0	Wide	77,1	Wide	28,93	1	1	3,6	25	Medium
Epoxiconazole	192,0	Wide	138,1	Wide	28,28	1	1	3,8	10	Medium
Epoxiconazole	192,0	Wide	111,0	Wide	28,28	1	1	3,8	25	Medium
Epoxiconazole	165,0	Wide	138,0	Wide	28,28	1	1	3,8	10	Medium
Esfenvalerate (Fenvalerate A-alpha)	181,0	Wide	152,1	Wide	35,18	1	1	17,8	25	Medium
Esfenvalerate (Fenvalerate A-alpha)	167,0	Wide	125,1	Wide	35,18	1	1	17,8	10	Highest
Etaconazole I	244,9	Wide	173,0	Wide	25,88	1	1	5,0	15	Medium
Etaconazole I	173,0	Wide	145,0	Wide	25,88	1	1	5,0	15	Medium
Etaconazole I	173,0	Wide	109,0	Wide	25,88	1	1	5,0	30	Medium
Ethalfluralin	315,9	Wide	275,9	Wide	11,2	1	1	11,5	10	Medium
Ethalfluralin	275,9	Wide	202,1	Wide	11,2	1	1	11,5	15	Medium
Ethion	152,9	Wide	96,9	Wide	26,16	1	1	5,3	10	Medium
Ethion	124,9	Wide	96,9	Wide	26,16	1	1	5,3	0	Medium
Ethofumesate	206,9	Wide	161,1	Wide	18,45	1	1	5,7	5	Medium

Ethofumesate	206,9	Wide	137,2	Wide	18,45	1	1	5,7	10	Medium
Ethofumesate	161,0	Wide	105,1	Wide	18,45	1	1	5,7	10	Medium
Ethofumesate, 2-keto-	177,0	Wide	149,0	Wide	16,28	1	1	5,3	5	Medium
Ethofumesate, 2-keto-	149,0	Wide	121,0	Wide	16,28	1	1	5,3	5	Medium
Ethofumesate, 2-keto-	149,0	Wide	77,0	Wide	16,28	1	1	5,3	20	Medium
Ethoprophos (Ethoprop)	157,9	Wide	114,0	Wide	10,95	1	1	12,6	5	Medium
Ethoprophos (Ethoprop)	157,9	Wide	97,0	Wide	10,95	1	1	12,6	15	Medium
Ethoxyquin	216,9	Wide	202,1	Wide	13,01	1	1	6,3	5	Medium
Ethoxyquin	216,9	Wide	174,0	Wide	13,01	1	1	6,3	30	Medium
Ethoxyquin	202,1	Wide	174,1	Wide	13,01	1	1	6,3	15	Medium
Ethoxyquin	202,1	Wide	145,1	Wide	13,01	1	1	6,3	30	Medium
Ethylan (ethyl-DDD, Perthane)	223,1	Wide	179,1	Wide	25,52	1	1	4,7	20	Medium
Ethylan (ethyl-DDD, Perthane)	223,1	Wide	167,1	Wide	25,52	1	1	4,7	10	Medium
Etofenprox (Ethofenprox)	183,0	Wide	168,0	Wide	33,63	1	1	10,3	10	Medium
Etofenprox (Ethofenprox)	163,0	Wide	135,1	Wide	33,63	1	1	10,3	10	Medium
Etofenprox (Ethofenprox)	163,0	Wide	107,1	Wide	33,63	1	1	10,3	20	Medium
Etrimfos	291,9	Wide	181,0	Wide	15,17	1	1	5,7	5	Medium
Etrimfos	181,0	Wide	153,1	Wide	15,17	1	1	5,7	5	Medium
Etrimfos	168,0	Wide	153,1	Wide	15,17	1	1	5,7	5	Medium
Fenamiphos (Phenamiphos)	217,0	Wide	202,1	Wide	24,02	1	1	3,5	10	Medium
Fenamiphos (Phenamiphos)	154,0	Wide	139,0	Wide	24,02	1	1	3,5	10	Medium
Fenarimol	251,0	Wide	139,1	Wide	30,72	1	1	5,6	10	Medium
Fenarimol	219,0	Wide	107,1	Wide	30,72	1	1	5,6	10	Medium
Fenazaquin	160,0	Wide	145,2	Wide	29,51	1	1	3,6	5	Medium
Fenazaquin	160,0	Wide	117,1	Wide	29,51	1	1	3,6	20	Medium
Fenazaquin	145,0	Wide	117,1	Wide	29,51	1	1	3,6	10	Medium
Fenbuconazole	197,9	Wide	129,0	Wide	32,45	1	1	8,7	5	Medium
Fenbuconazole	128,9	Wide	102,1	Wide	32,45	1	1	8,7	15	Medium
Fenchlorphos oxon	270,9	Wide	256,0	Wide	15,37	1	1	5,8	15	Medium
Fenchlorphos oxon	268,9	Wide	254,0	Wide	15,37	1	1	5,8	15	Medium
Fenhexamid	177,1	Wide	113,0	Wide	27,29	1	1	4,7	25	Medium
Fenhexamid	177,1	Wide	78,0	Wide	27,29	1	1	4,7	25	Medium
Fenhexamid	97,1	Wide	55,1	Wide	27,29	1	1	4,7	10	Medium
Fenitrothion	277,0	Wide	260,1	Wide	18,25	1	1	5,7	15	Medium

Fenitrothion	277,0	Wide	260,1	Wide	18,25	1	1	5,7	5	Medium
Fenitrothion	125,1	Wide	79,0	Wide	18,25	1	1	5,7	5	Medium
Fenitrothion	125,1	Wide	47,0	Wide	18,25	1	1	5,7	15	Medium
Fenoxycarb	255,2	Wide	186,2	Wide	29,16	1	1	3,5	10	Medium
Fenoxycarb	186,2	Wide	158,2	Wide	29,16	1	1	3,5	5	Medium
Fenpropathrin	264,9	Wide	210,0	Wide	29,32	1	1	3,5	10	Medium
Fenpropathrin	207,9	Wide	181,0	Wide	29,32	1	1	3,5	5	Medium
Fenpropathrin	181,1	Wide	152,1	Wide	29,32	1	1	3,5	25	Medium
Fenpropidin	273,0	Wide	98,0	Wide	18,25	1	1	5,7	5	Medium
Fenpropidin	117,0	Wide	91,0	Wide	18,25	1	1	5,7	15	Medium
Fenpropidin	98,0	Wide	70,1	Wide	18,25	1	1	5,7	10	Medium
Fenpropidin	98,0	Wide	55,1	Wide	18,25	1	1	5,7	15	Medium
Fenpropimorph	128,1	Wide	110,1	Wide	19,72	1	1	5,0	5	Medium
Fenpropimorph	128,1	Wide	70,1	Wide	19,72	1	1	5,0	10	Medium
Fenpyrazamina	230,1	Wide	188,0	Wide	30,84	1	1	5,9	5	Medium
Fenpyrazamina	230,1	Wide	132,0	Wide	30,84	1	1	5,9	10	Medium
Fenpyrazamina	230,1	Wide	117,1	Wide	30,84	1	1	5,9	25	Medium
Fenthion	278,0	Wide	169,0	Wide	19,37	1	1	5,1	10	Medium
Fenthion	278,0	Wide	109,0	Wide	19,37	1	1	5,1	15	Medium
Fenthion	124,9	Wide	47,0	Wide	19,37	1	1	5,1	10	Medium
Fenvalerate I	224,9	Wide	119,0	Wide	34,9	1	1	15,7	15	Medium
Fenvalerate I	208,9	Wide	141,1	Wide	34,9	1	1	15,7	15	Medium
Fenvalerate I	167,0	Wide	125,1	Wide	34,9	1	1	15,7	5	Medium
Fipronil	366,8	Wide	212,8	Wide	21,46	1	1	3,9	25	Medium
Fipronil	350,8	Wide	254,8	Wide	21,46	1	1	3,9	15	Medium
Fipronil disulfinyl	388,0	Wide	333,0	Wide	16,95	1	1	5,4	25	Medium
Fipronil disulfinyl	333,0	Wide	281,0	Wide	16,95	1	1	5,4	30	Medium
Fipronil disulfinyl	333,0	Wide	231,0	Wide	16,95	1	1	5,4	40	Medium
Fipronil sulfone	384,8	Wide	256,8	Wide	24,5	1	1	3,6	10	Medium
Fipronil sulfone	382,8	Wide	254,9	Wide	24,5	1	1	3,6	10	Medium
Fipronil sulfone	254,9	Wide	227,9	Wide	24,5	1	1	3,6	10	Medium
Fipronil sulfone	212,8	Wide	178,0	Wide	24,5	1	1	3,6	10	Medium
Fipronil sulfone	212,8	Wide	143,0	Wide	24,5	1	1	3,6	10	Medium
Fluchloralin	325,8	Wide	62,9	Wide	14,51	1	1	5,6	15	Medium

Fluchloralin	306,0	Wide	263,9	Wide	14,51	1	1	5,6	10	Medium
Flucythrinate I	198,9	Wide	157,0	Wide	33,5	1	1	9,9	10	Medium
Flucythrinate I	156,9	Wide	107,1	Wide	33,5	1	1	9,9	15	Medium
Fludioxonil	248,0	Wide	182,1	Wide	24,13	1	1	3,5	10	Medium
Fludioxonil	248,0	Wide	154,1	Wide	24,13	1	1	3,5	20	Medium
Fluensulfone	226,0	Wide	206,0	Wide	10,22	1	1	15,0	20	Medium
Fluensulfone	206,0	Wide	92,9	Wide	10,22	1	1	15,0	30	Medium
Fluensulfone	121,0	Wide	93,9	Wide	10,22	1	1	15,0	10	Medium
Fluensulfone	119,0	Wide	91,9	Wide	10,22	1	1	15,0	10	Medium
Flumetralin	143,0	Wide	117,0	Wide	23,32	1	1	3,5	20	Medium
Flumetralin	143,0	Wide	107,1	Wide	23,32	1	1	3,5	20	Medium
Flumioxazin	354,0	Wide	325,9	Wide	34,62	1	1	14,5	5	Medium
Flumioxazin	354,0	Wide	175,8	Wide	34,62	1	1	14,5	15	Medium
Flumioxazin	287,0	Wide	258,7	Wide	34,62	1	1	14,5	15	Medium
Fluorodifen	190,0	Wide	126,1	Wide	23,93	1	1	3,5	10	Medium
Fluorodifen	190,0	Wide	75,0	Wide	23,93	1	1	3,5	20	Medium
Fluotrimazole	310,9	Wide	233,0	Wide	28,01	1	1	4,1	15	Medium
Fluotrimazole	310,9	Wide	165,1	Wide	28,01	1	1	4,1	15	Medium
Fluquinconazole	340,0	Wide	298,0	Wide	31,86	1	1	7,8	15	Medium
Fluquinconazole	108,0	Wide	57,0	Wide	31,86	1	1	7,8	15	Medium
Flurprimidol	269,0	Wide	107,1	Wide	16,64	1	1	5,2	15	Medium
Flurprimidol	269,0	Wide	79,1	Wide	16,64	1	1	5,2	30	Medium
Flurprimidol	107,0	Wide	79,1	Wide	16,64	1	1	5,2	5	Medium
Flurtamone	332,7	Wide	120,0	Wide	29,8	1	1	3,9	15	Medium
Flurtamone	199,0	Wide	157,1	Wide	29,8	1	1	3,9	20	Medium
Flurtamone	157,0	Wide	137,1	Wide	29,8	1	1	3,9	15	Medium
Flusilazole	233,0	Wide	165,1	Wide	24,77	1	1	3,8	15	Medium
Flusilazole	233,0	Wide	91,0	Wide	24,77	1	1	3,8	20	Medium
Flutianil	426,0	Wide	368,1	Wide	33,87	1	1	11,8	10	Medium
Flutianil	426,0	Wide	231,0	Wide	33,87	1	1	11,8	15	Medium
Flutianil	231,1	Wide	216,1	Wide	33,87	1	1	11,8	10	Medium
Flutriafol	219,1	Wide	123,1	Wide	23,55	1	1	3,5	15	Medium
Flutriafol	123,1	Wide	95,0	Wide	23,55	1	1	3,5	15	Medium
Flutriafol	123,1	Wide	75,1	Wide	23,55	1	1	3,5	25	Medium

Fluvalinate I	250,0	Wide	55,0	Wide	35,1	1	1	16,6	20	Medium
Fluvalinate I	207,9	Wide	180,9	Wide	35,1	1	1	16,6	5	Medium
Fluvalinate I	206,0	Wide	178,9	Wide	35,1	1	1	16,6	15	Medium
Folpet	261,8	Wide	130,1	Wide	22,053	1	1	3,4	15	Medium
Folpet	259,8	Wide	130,1	Wide	22,053	1	1	3,4	15	Medium
FolpetD4	265,8	Wide	134,1	Wide	22	1	1	3,4	15	Medium
FolpetD4	264,0	Wide	134,1	Wide	22	1	1	3,4	15	Medium
Fonofos	136,9	Wide	109,0	Wide	14,08	1	1	5,5	5	Medium
Fonofos	108,9	Wide	80,9	Wide	14,08	1	1	5,5	5	Medium
Formothion	170,0	Wide	93,0	Wide	15,77	1	1	5,6	5	Medium
Formothion	125,0	Wide	79,0	Wide	15,77	1	1	5,6	15	Medium
Formothion	124,9	Wide	47,0	Wide	15,77	1	1	5,6	15	Medium
Furalaxyl	242,0	Wide	95,0	Wide	22,05	1	1	3,4	15	Medium
Furalaxyl	152,0	Wide	94,0	Wide	22,05	1	1	3,4	15	Medium
Furalaxyl	94,9	Wide	67,0	Wide	22,05	1	1	3,4	15	Medium
Furathiocarb	163,1	Wide	135,1	Wide	29,74	1	1	3,8	5	Medium
Furathiocarb	163,1	Wide	107,0	Wide	29,74	1	1	3,8	25	Medium
Furathiocarb	135,1	Wide	107,1	Wide	29,74	1	1	3,8	5	Medium
Halfenprox	265,0	Wide	117,1	Wide	33,19	1	1	9,7	10	Medium
Halfenprox	262,9	Wide	169,0	Wide	33,19	1	1	9,7	20	Medium
Heptachlor	273,7	Wide	238,9	Wide	17,12	1	1	5,6	15	Medium
Heptachlor	271,7	Wide	236,9	Wide	17,12	1	1	5,6	15	Medium
Heptachlor endo-epoxide (isomer A)	252,9	Wide	217,9	Wide	21,37	1	1	4,0	20	Medium
Heptachlor endo-epoxide (isomer A)	216,9	Wide	147,0	Wide	21,37	1	1	4,0	35	Medium
Heptachlor endo-epoxide (isomer A)	182,9	Wide	154,9	Wide	21,37	1	1	4,0	15	Medium
Heptachlor exo-epoxide (isomer B)	352,8	Wide	316,8	Wide	21,16	1	1	4,3	5	Medium
Heptachlor exo-epoxide (isomer B)	352,8	Wide	262,9	Wide	21,16	1	1	4,3	15	Medium
Heptachlor exo-epoxide (isomer B)	262,9	Wide	191,0	Wide	21,16	1	1	4,3	35	Medium
Heptenophos	124,0	Wide	89,0	Wide	9,74	1	1	16,2	10	Medium
Heptenophos	124,0	Wide	63,0	Wide	9,74	1	1	16,2	35	Medium
Hexachlorobenzene	283,8	Wide	248,8	Wide	12,33	1	1	7,7	15	Medium
Hexachlorobenzene	283,8	Wide	213,9	Wide	12,33	1	1	7,7	30	Medium
Hexaconazole	256,0	Wide	159,0	Wide	23,93	1	1	3,5	15	Medium
Hexaconazole	256,0	Wide	82,1	Wide	23,93	1	1	3,5	10	Medium

Hexaconazole	231,0	Wide	175,0	Wide	23,93	1	1	3,5	10	Medium
Imazalil	216,8	Wide	175,0	Wide	24,11	1	1	3,5	5	Medium
Imazalil	214,9	Wide	173,0	Wide	24,11	1	1	3,5	5	Medium
Imazalil	172,9	Wide	145,0	Wide	24,11	1	1	3,5	15	Medium
Iodofenphos (Jodfenphos)	376,8	Wide	361,8	Wide	23,79	1	1	3,5	15	Medium
Iodofenphos (Jodfenphos)	125,0	Wide	47,0	Wide	23,79	1	1	3,5	10	Medium
Iprobenfos	203,9	Wide	91,0	Wide	15,56	1	1	5,7	5	Medium
Iprobenfos	121,9	Wide	121,0	Wide	15,56	1	1	5,7	15	Medium
Iprodione	313,8	Wide	244,9	Wide	28,73	1	1	3,5	10	Medium
Iprodione	313,8	Wide	55,9	Wide	28,73	1	1	3,5	20	Medium
Iprodione	243,9	Wide	187,0	Wide	28,73	1	1	3,5	5	Medium
Iprodione	187,0	Wide	124,0	Wide	28,73	1	1	3,5	25	Medium
Isocarbophos	135,9	Wide	108,0	Wide	19,8	1	1	5,0	15	Medium
Isocarbophos	121,0	Wide	65,1	Wide	19,8	1	1	5,0	15	Medium
Isocarbophos	120,0	Wide	92,0	Wide	19,8	1	1	5,0	10	Medium
Isofenphos	212,9	Wide	185,1	Wide	21,63	1	1	3,8	5	Medium
Isofenphos	212,9	Wide	121,1	Wide	21,63	1	1	3,8	10	Medium
Isofenphos-methyl	199,0	Wide	121,0	Wide	20,76	1	1	4,7	10	Medium
Isofenphos-methyl	199,0	Wide	93,0	Wide	20,76	1	1	4,7	30	Medium
Isofenphos-methyl	199,0	Wide	65,0	Wide	20,76	1	1	4,7	40	Medium
Isofetamid	182,1	Wide	125,0	Wide	31	1	1	6,2	5	Medium
Isofetamid	135,1	Wide	107,0	Wide	31	1	1	6,2	10	Medium
Isofetamid	125,1	Wide	97,0	Wide	31	1	1	6,2	15	Medium
Jasmolin I	164,0	Wide	109,0	Wide	26,48	1	1	5,4	10	Medium
Jasmolin I	123,0	Wide	77,0	Wide	26,48	1	1	5,4	40	Medium
Jasmolin II	164,0	Wide	109,0	Wide	31	1	1	6,2	10	Medium
Jasmolin II	163,0	Wide	121,0	Wide	31	1	1	6,2	6	Medium
Jasmolin II	107,0	Wide	91,0	Wide	31	1	1	6,2	15	Medium
Kresoxim-methyl	206,0	Wide	116,0	Wide	24,97	1	1	4,1	5	Medium
Kresoxim-methyl	131,0	Wide	89,0	Wide	24,97	1	1	4,1	30	Medium
Kresoxim-methyl	116,0	Wide	89,0	Wide	24,97	1	1	4,1	15	Medium
Kresoxim-methyl	116,0	Wide	63,0	Wide	24,97	1	1	4,1	30	Medium
Malaoxon (metabolite of Malathion)	194,8	Wide	108,9	Wide	16,99	1	1	5,5	15	Medium
Malaoxon (metabolite of Malathion)	126,9	Wide	99,0	Wide	16,99	1	1	5,5	5	Medium

Malaoxon (metabolite of Malathion)	126,9	Wide	55,0	Wide	16,99	1	1	5,5	5	Medium
Malathion	172,9	Wide	99,0	Wide	18,93	1	1	5,4	15	Medium
Malathion	126,9	Wide	99,0	Wide	18,93	1	1	5,4	5	Medium
Mandestrobin	192,1	Wide	161,0	Wide	28,64	1	1	3,6	10	Medium
Mandestrobin	192,1	Wide	119,0	Wide	28,64	1	1	3,6	15	Medium
Mandestrobin	160,1	Wide	119,0	Wide	28,64	1	1	3,6	10	Medium
Mandestrobin	160,1	Wide	91,0	Wide	28,64	1	1	3,6	25	Medium
Mecarbam	158,9	Wide	131,0	Wide	21,89	1	1	3,5	5	Medium
Mecarbam	130,9	Wide	74,0	Wide	21,89	1	1	3,5	5	Medium
Mefentrifluconazole	341,9	Wide	322,1	Wide	30,3	1	1	4,9	15	Medium
Mefentrifluconazole	340,0	Wide	320,1	Wide	30,3	1	1	4,9	15	Medium
Mefentrifluconazole	295,0	Wide	185,1	Wide	30,3	1	1	4,9	25	Medium
Mefentrifluconazole	295,0	Wide	111,1	Wide	30,3	1	1	4,9	35	Medium
Mepanipyrim	223,2	Wide	222,2	Wide	23,55	1	1	3,5	10	Medium
Mepanipyrim	222,2	Wide	207,2	Wide	23,55	1	1	3,5	15	Medium
Mepanipyrim	221,2	Wide	220,2	Wide	23,55	1	1	3,5	15	Medium
Mepronil	269,0	Wide	119,1	Wide	26,67	1	1	5,3	15	Medium
Mepronil	119,1	Wide	91,0	Wide	26,67	1	1	5,3	10	Medium
Mepronil	119,1	Wide	65,1	Wide	26,67	1	1	5,3	25	Medium
Metalaxyl	248,8	Wide	190,1	Wide	17,42	1	1	5,8	5	Medium
Metalaxyl	234,0	Wide	174,1	Wide	17,42	1	1	5,8	10	Medium
Metalaxyl	234,0	Wide	146,1	Wide	17,42	1	1	5,8	20	Medium
Metalaxyl	220,0	Wide	192,1	Wide	17,42	1	1	5,8	5	Medium
Metazachlor	209,0	Wide	132,2	Wide	20,98	1	1	4,5	15	Medium
Metazachlor	133,1	Wide	132,1	Wide	20,98	1	1	4,5	10	Medium
Metazachlor	132,1	Wide	117,1	Wide	20,98	1	1	4,5	15	Medium
Metconazole	153,1	Wide	125,0	Wide	29,47	1	1	3,5	10	Medium
Metconazole	153,1	Wide	70,0	Wide	29,47	1	1	3,5	5	Medium
Metconazole	138,0	Wide	69,1	Wide	29,47	1	1	3,5	10	Medium
Metconazole	125,0	Wide	99,0	Wide	29,47	1	1	3,5	20	Medium
Metconazole	125,0	Wide	89,0	Wide	29,47	1	1	3,5	20	Medium
Methacrifos	207,9	Wide	180,1	Wide	8,58	1	1	13,9	5	Medium
Methacrifos	124,9	Wide	47,1	Wide	8,58	1	1	13,9	10	Medium
Methidathion	144,9	Wide	85,0	Wide	22,54	1	1	3,5	5	Medium

Methidathion	144,9	Wide	58,1	Wide	22,54	1	1	3,5	15	Medium
Methoxychlor olefin	308,0	Wide	238,0	Wide	27,06	1	1	4,9	20	Medium
Methoxychlor olefin	238,0	Wide	223,1	Wide	27,06	1	1	4,9	15	Medium
Methoxychlor olefin	238,0	Wide	195,1	Wide	27,06	1	1	4,9	20	Medium
Methoxychlor, p,p'-	227,0	Wide	169,1	Wide	29,17	1	1	3,5	25	Medium
Methoxychlor, p,p'-	227,0	Wide	141,1	Wide	29,17	1	1	3,5	40	Medium
Metolachlor	238,0	Wide	162,2	Wide	18,8	1	1	5,6	10	Medium
Metolachlor	162,2	Wide	133,2	Wide	18,8	1	1	5,6	15	Medium
Metolachlor S	240,0	Wide	162,2	Wide	18,96	1	1	5,3	10	Medium
Metolachlor S	238,0	Wide	162,2	Wide	18,96	1	1	5,3	10	Medium
Metolachlor S	162,1	Wide	133,2	Wide	18,96	1	1	5,3	15	Medium
Metribuzin	198,0	Wide	82,0	Wide	16,57	1	1	5,2	15	Medium
Metribuzin	198,0	Wide	55,0	Wide	16,57	1	1	5,2	30	Medium
Metribuzin	144,0	Wide	128,0	Wide	16,57	1	1	5,2	10	Medium
Mevinphos	127,0	Wide	109,0	Wide	7,64	1	1	16,9	10	Medium
Mevinphos	127,0	Wide	95,0	Wide	7,64	1	1	16,9	15	Medium
Molinate	187,0	Wide	126,1	Wide	9,33	1	1	16,1	5	Medium
Molinate	126,2	Wide	83,1	Wide	9,33	1	1	16,1	5	Medium
Molinate	126,2	Wide	55,1	Wide	9,33	1	1	16,1	10	Medium
Monolinuron	214,0	Wide	61,0	Wide	13,35	1	1	5,8	10	Medium
Monolinuron	126,0	Wide	99,0	Wide	13,35	1	1	5,8	15	Medium
Monolinuron	126,0	Wide	72,9	Wide	13,35	1	1	5,8	30	Medium
Monolinuron	125,0	Wide	90,0	Wide	13,35	1	1	5,8	10	Medium
Myclobutanil	179,0	Wide	125,1	Wide	24,64	1	1	3,7	10	Medium
Myclobutanil	179,0	Wide	90,0	Wide	24,64	1	1	3,7	30	Medium
Nitralin	315,9	Wide	274,0	Wide	28,23	1	1	3,9	5	Medium
Nitralin	274,1	Wide	169,0	Wide	28,23	1	1	3,9	10	Medium
Nitrapyrin	196,0	Wide	135,0	Wide	7,95	1	1	13,6	15	Medium
Nitrapyrin	194,0	Wide	133,0	Wide	7,95	1	1	13,6	15	Medium
Nitrofen	282,9	Wide	253,0	Wide	25,31	1	1	4,6	10	Medium
Nitrofen	282,9	Wide	202,0	Wide	25,31	1	1	4,6	10	Medium
Nitrofen	202,0	Wide	139,1	Wide	25,31	1	1	4,6	20	Medium
Nitrothal-isopropyl	236,0	Wide	194,1	Wide	20,24	1	1	5,0	10	Medium
Nitrothal-isopropyl	194,0	Wide	148,1	Wide	20,24	1	1	5,0	10	Medium

Nuarimol	203,0	Wide	107,0	Wide	27,71	1	1	4,5	10	Medium
Nuarimol	139,0	Wide	111,0	Wide	27,71	1	1	4,5	15	Medium
Oxadiazon	257,8	Wide	175,1	Wide	24,62	1	1	3,6	5	Medium
Oxadiazon	174,9	Wide	112,0	Wide	24,62	1	1	3,6	15	Medium
Oxadiazon	174,9	Wide	76,0	Wide	24,62	1	1	3,6	35	Medium
Oxadixyl	163,0	Wide	132,1	Wide	25,98	1	1	5,0	5	Medium
Oxadixyl	163,0	Wide	117,1	Wide	25,98	1	1	5,0	25	Medium
Oxyfluorfen	361,0	Wide	299,8	Wide	24,89	1	1	3,9	15	Medium
Oxyfluorfen	299,9	Wide	222,8	Wide	24,89	1	1	3,9	15	Medium
Oxyfluorfen	252,0	Wide	196,0	Wide	24,89	1	1	3,9	20	Medium
Oxyfluorfen	252,0	Wide	146,0	Wide	24,89	1	1	3,9	30	Medium
Paclobutrazol	236,0	Wide	125,1	Wide	22,9	1	1	3,5	10	Medium
Paclobutrazol	125,1	Wide	89,0	Wide	22,9	1	1	3,5	20	Medium
Parathion	290,9	Wide	109,0	Wide	19,56	1	1	5,1	10	Medium
Parathion	154,9	Wide	125,0	Wide	19,56	1	1	5,1	5	Medium
Parathion	138,9	Wide	109,0	Wide	19,56	1	1	5,1	5	Medium
Parathion-methyl	262,9	Wide	109,0	Wide	16,86	1	1	5,2	10	Medium
Parathion-methyl	125,0	Wide	47,0	Wide	16,86	1	1	5,2	10	Medium
Penconazole	250,0	Wide	194,0	Wide	21,3	1	1	4,1	15	Medium
Penconazole	248,0	Wide	192,1	Wide	21,3	1	1	4,1	15	Medium
Penconazole	248,0	Wide	157,1	Wide	21,3	1	1	4,1	25	Medium
Penconazole	159,0	Wide	123,0	Wide	21,3	1	1	4,1	20	Medium
Pencycuron	180,0	Wide	125,0	Wide	12,13	1	1	7,9	25	Medium
Pencycuron	125,0	Wide	89,0	Wide	12,13	1	1	7,9	25	Medium
Pendimethalin (Penoxaline)	252,1	Wide	191,3	Wide	20,97	1	1	4,5	8	Medium
Pendimethalin (Penoxaline)	251,8	Wide	162,2	Wide	20,97	1	1	4,5	10	Medium
Pendimethalin (Penoxaline)	251,8	Wide	161,1	Wide	20,97	1	1	4,5	15	Medium
Pendimethalin D5	255,2	Wide	193,1	Wide	20,855	1	1	4,6	5	Medium
Pendimethalin D5	255,2	Wide	164,1	Wide	20,855	1	1	4,6	10	Medium
Penflufen	176,1	Wide	120,0	Wide	26,6	1	1	5,4	15	Medium
Penflufen	176,1	Wide	103,0	Wide	26,6	1	1	5,4	35	Medium
Penflufen	140,6	Wide	60,0	Wide	26,6	1	1	5,4	25	Medium
Pentachloroaniline	266,9	Wide	194,0	Wide	15,65	1	1	5,7	20	Medium
Pentachloroaniline	264,9	Wide	194,0	Wide	15,65	1	1	5,7	20	Medium

Pentachloroaniline	262,8	Wide	192,0	Wide	15,65	1	1	5,7	20	Medium
Permethrin II (trans)	183,1	Wide	165,1	Wide	31,8	1	1	7,7	10	Medium
Permethrin II (trans)	182,9	Wide	168,0	Wide	31,8	1	1	7,7	10	Medium
Permethrin II (trans)	182,9	Wide	155,1	Wide	31,8	1	1	7,7	10	Medium
Permethrin II (trans)	162,9	Wide	90,9	Wide	31,8	1	1	7,7	15	Medium
Pethoxamid	260,0	Wide	147,0	Wide	22	1	1	3,4	10	Medium
Pethoxamid	260,0	Wide	119,0	Wide	22	1	1	3,4	10	Medium
Pethoxamid	131,0	Wide	91,0	Wide	22	1	1	3,4	10	Medium
Phenothrin I	183,0	Wide	168,0	Wide	29,8	1	1	3,9	10	Medium
Phenothrin I	183,0	Wide	155,1	Wide	29,8	1	1	3,9	5	Medium
Phenothrin I	122,9	Wide	81,0	Wide	29,8	1	1	3,9	5	Medium
Phenothrin II	182,9	Wide	168,1	Wide	29,8	1	1	3,9	10	Medium
Phenothrin II	182,9	Wide	153,1	Wide	29,8	1	1	3,9	15	Medium
Phenothrin II	122,9	Wide	81,1	Wide	29,8	1	1	3,9	5	Medium
Phenthoate	274,0	Wide	125,0	Wide	21,92	1	1	3,5	15	Medium
Phenthoate	274,0	Wide	121,0	Wide	21,92	1	1	3,5	10	Medium
Phenylphenol, 2-	169,0	Wide	141,1	Wide	8,98	1	1	15,4	15	Medium
Phenylphenol, 2-	169,0	Wide	115,1	Wide	8,98	1	1	15,4	25	Medium
Phenylphenol, 2-	141,0	Wide	115,1	Wide	8,98	1	1	15,4	15	Medium
Phorate	129,0	Wide	65,0	Wide	11,95	1	1	8,4	15	Medium
Phorate	121,0	Wide	65,0	Wide	11,95	1	1	8,4	10	Medium
Phorate	121,0	Wide	47,0	Wide	11,95	1	1	8,4	30	Medium
Phorate sulfone	199,0	Wide	143,0	Wide	19,12	1	1	5,1	10	Medium
Phorate sulfone	199,0	Wide	96,9	Wide	19,12	1	1	5,1	15	Medium
Phorate sulfone	124,9	Wide	96,9	Wide	19,12	1	1	5,1	5	Medium
Phorate Sulfoxide	199,0	Wide	142,9	Wide	19,2	1	1	5,1	10	Medium
Phorate Sulfoxide	153,0	Wide	96,9	Wide	19,2	1	1	5,1	10	Medium
Phorate Sulfoxide	96,9	Wide	64,9	Wide	19,2	1	1	5,1	20	Medium
Phosalone	182,0	Wide	111,0	Wide	29,92	1	1	4,3	15	Medium
Phosalone	182,0	Wide	102,1	Wide	29,92	1	1	4,3	15	Medium
Phosmet	160,0	Wide	133,1	Wide	28,79	1	1	3,5	10	Medium
Phosmet	160,0	Wide	77,1	Wide	28,79	1	1	3,5	20	Medium
Phosphamidon I	127,0	Wide	109,0	Wide	14,37	1	1	5,5	10	Medium
Phosphamidon I	127,0	Wide	95,0	Wide	14,37	1	1	5,5	15	Medium

Phosphamidon II	127,0	Wide	109,0	Wide	16,25	1	1	5,3	10	Medium
Phosphamidon II	127,0	Wide	95,0	Wide	16,25	1	1	5,3	15	Medium
Phthalimide	147,0	Wide	103,1	Wide	8,26	1	1	13,4	5	Medium
Phthalimide	147,0	Wide	76,1	Wide	8,26	1	1	13,4	5	Medium
Phthalimide	104,0	Wide	76,1	Wide	8,26	1	1	13,4	10	Medium
Phthalimide	104,0	Wide	50,0	Wide	8,26	1	1	13,4	25	Medium
Phthalimide	103,0	Wide	76,1	Wide	8,26	1	1	13,4	15	Medium
Phthalimide	103,0	Wide	50,0	Wide	8,26	1	1	13,4	35	Medium
Picolinafen	376,0	Wide	238,1	Wide	29,08	1	1	3,5	20	Medium
Picolinafen	238,1	Wide	145,1	Wide	29,08	1	1	3,5	25	Medium
Picoxystrobin	334,9	Wide	172,9	Wide	23,72	1	1	3,5	10	Medium
Picoxystrobin	145,0	Wide	117,1	Wide	23,72	1	1	3,5	10	Medium
Picoxystrobin	145,0	Wide	115,1	Wide	23,72	1	1	3,5	15	Medium
Picoxystrobin	145,0	Wide	102,1	Wide	23,72	1	1	3,5	25	Medium
Piperonyl butoxide	176,1	Wide	131,1	Wide	28,25	1	1	3,8	15	Medium
Piperonyl butoxide	176,1	Wide	103,1	Wide	28,25	1	1	3,8	25	Medium
Piperophos	320,0	Wide	122,0	Wide	29,06	1	1	3,5	10	Medium
Piperophos	140,0	Wide	98,1	Wide	29,06	1	1	3,5	10	Medium
Pirimicarb	238,0	Wide	166,2	Wide	15,55	1	1	5,7	10	Medium
Pirimicarb	166,0	Wide	55,1	Wide	15,55	1	1	5,7	20	Medium
Pirimiphos-ethyl	318,1	Wide	182,0	Wide	20,6	1	1	4,8	10	Medium
Pirimiphos-ethyl	318,1	Wide	166,1	Wide	20,6	1	1	4,8	10	Medium
Pirimiphos-ethyl	152,1	Wide	84,0	Wide	20,6	1	1	4,8	10	Medium
Pirimiphos-methyl	290,0	Wide	125,0	Wide	18,26	1	1	5,7	20	Medium
Pirimiphos-methyl	232,9	Wide	151,0	Wide	18,26	1	1	5,7	5	Medium
Pirymikarb desmethyl	224,0	Wide	152,0	Wide	16,07	1	1	5,5	5	Medium
Pirymikarb desmethyl	152,0	Wide	96,0	Wide	16,07	1	1	5,5	15	Medium
Prallethrin	123,0	Wide	95,0	Wide	22,8	1	1	3,5	5	Medium
Prallethrin	123,0	Wide	81,0	Wide	22,8	1	1	3,5	10	Medium
Prallethrin	105,0	Wide	79,0	Wide	22,8	1	1	3,5	5	Medium
Procymidone	284,8	Wide	96,0	Wide	22,04	1	1	3,4	10	Medium
Procymidone	282,8	Wide	96,0	Wide	22,04	1	1	3,4	10	Medium
Procymidone	96,0	Wide	67,1	Wide	22,04	1	1	3,4	15	Medium
Procymidone	96,0	Wide	53,1	Wide	22,04	1	1	3,4	15	Medium

Profenofos	338,8	Wide	268,7	Wide	24,26	1	1	3,5	15	Medium
Profenofos	296,8	Wide	268,7	Wide	24,26	1	1	3,5	5	Medium
Profenofos	268,8	Wide	187,9	Wide	24,26	1	1	3,5	25	Medium
Profenofos	207,9	Wide	98,9	Wide	24,26	1	1	3,5	25	Medium
Profenofos	207,9	Wide	63,0	Wide	24,26	1	1	3,5	30	Medium
Profluralin	317,9	Wide	199,0	Wide	13,94	1	1	5,4	15	Medium
Profluralin	317,9	Wide	54,8	Wide	13,94	1	1	5,4	10	Medium
Promecarb	150,1	Wide	135,2	Wide	12,08	1	1	8,2	10	Medium
Promecarb	135,1	Wide	115,1	Wide	12,08	1	1	8,2	15	Medium
Promecarb	135,1	Wide	91,0	Wide	12,08	1	1	8,2	30	Medium
Prometon	210,0	Wide	168,1	Wide	13,26	1	1	5,9	5	Medium
Prometon	183,0	Wide	168,1	Wide	13,26	1	1	5,9	5	Medium
Prometryn	241,0	Wide	184,2	Wide	17,67	1	1	5,9	10	Medium
Prometryn	226,0	Wide	184,2	Wide	17,67	1	1	5,9	10	Medium
Prometryn	199,0	Wide	184,1	Wide	17,67	1	1	5,9	5	Medium
Pronamide (Propyzamide)	175,0	Wide	147,0	Wide	14,18	1	1	5,5	15	Medium
Pronamide (Propyzamide)	173,0	Wide	145,0	Wide	14,18	1	1	5,5	15	Medium
Pronamide (Propyzamide)	173,0	Wide	109,0	Wide	14,18	1	1	5,5	15	Medium
Propachlor	176,1	Wide	57,1	Wide	10,41	1	1	14,4	5	Medium
Propachlor	120,0	Wide	77,1	Wide	10,41	1	1	14,4	20	Medium
Propargite	230,9	Wide	135,1	Wide	28,04	1	1	4,0	10	Medium
Propargite	149,9	Wide	135,1	Wide	28,04	1	1	4,0	10	Medium
Propargite	149,9	Wide	107,1	Wide	28,04	1	1	4,0	20	Medium
Propargite	135,0	Wide	107,1	Wide	28,04	1	1	4,0	10	Medium
Propazine	229,1	Wide	214,2	Wide	13,59	1	1	5,6	5	Medium
Propazine	229,1	Wide	58,1	Wide	13,59	1	1	5,6	10	Medium
Propazine	214,2	Wide	172,2	Wide	13,59	1	1	5,6	10	Medium
Propetamphos	138,0	Wide	110,0	Wide	14,05	1	1	5,4	10	Medium
Propetamphos	138,0	Wide	64,0	Wide	14,05	1	1	5,4	15	Medium
Propham	199,0	Wide	142,9	Wide	8,08	1	1	13,1	25	Medium
Propham	178,9	Wide	137,1	Wide	8,08	1	1	13,1	10	Medium
Propham	178,9	Wide	137,0	Wide	8,08	1	1	13,1	10	Medium
Propham	136,9	Wide	93,0	Wide	8,08	1	1	13,1	10	Medium
Propiconazole II {CAS # 60207-90-1}	258,8	Wide	172,9	Wide	27,3	1	1	4,7	15	Medium

Propiconazole II {CAS # 60207-90-1}	258,8	Wide	69,0	Wide	27,3	1	1	4,7	10	Medium
Propiconazole II {CAS # 60207-90-1}	172,9	Wide	145,0	Wide	27,3	1	1	4,7	15	Medium
Propiconazole II {CAS # 60207-90-1}	172,9	Wide	109,0	Wide	27,3	1	1	4,7	30	Medium
Prothioconazole-Desthio	186,0	Wide	117,0	Wide	24,92	1	1	4,1	10	Medium
Prothioconazole-Desthio	186,0	Wide	89,0	Wide	24,92	1	1	4,1	10	Medium
Prothioconazole-Desthio	186,0	Wide	53,0	Wide	24,92	1	1	4,1	20	Medium
Prothiofos	308,9	Wide	238,9	Wide	24,04	1	1	3,5	15	Medium
Prothiofos	266,9	Wide	239,0	Wide	24,04	1	1	3,5	5	Medium
Prothiofos	113,0	Wide	94,9	Wide	24,04	1	1	3,5	10	Medium
Pydiflumetofen	160,0	Wide	140,1	Wide	32,25	1	1	8,2	15	Medium
Pydiflumetofen	158,9	Wide	139,1	Wide	32,25	1	1	8,2	15	Medium
Pydiflumetofen	158,9	Wide	111,1	Wide	32,25	1	1	8,2	25	Medium
Pydiflumetofen	158,9	Wide	109,1	Wide	32,25	1	1	8,2	15	Medium
Pymetrozine	132,0	Wide	105,0	Wide	23,76	1	1	3,5	10	Medium
Pymetrozine	113,0	Wide	98,0	Wide	23,76	1	1	3,5	5	Medium
Pymetrozine	104,0	Wide	77,0	Wide	23,76	1	1	3,5	10	Medium
Pymetrozine	98,0	Wide	70,0	Wide	23,76	1	1	3,5	10	Medium
Pyraclostrobin	324,8	Wide	131,7	Wide	34,91	1	1	15,7	15	Medium
Pyraclostrobin	164,0	Wide	132,1	Wide	34,91	1	1	15,7	10	Medium
Pyraclostrobin	164,0	Wide	77,0	Wide	34,91	1	1	15,7	35	Medium
Pyraclostrobin	132,0	Wide	104,0	Wide	34,91	1	1	15,7	15	Medium
Pyraclostrobin	132,0	Wide	77,1	Wide	34,91	1	1	15,7	20	Medium
Pyrazophos	232,0	Wide	204,1	Wide	30,81	1	1	5,8	10	Medium
Pyrazophos	221,0	Wide	193,1	Wide	30,81	1	1	5,8	10	Medium
Pyrethrins I	133,0	Wide	105,0	Wide	26,95	1	1	5,1	10	Medium
Pyrethrins I	123,0	Wide	81,0	Wide	26,95	1	1	5,1	15	Medium
Pyrethrins I	123,0	Wide	77,0	Wide	26,95	1	1	5,1	40	Medium
Pyrethrins II	167,0	Wide	107,0	Wide	30,095	1	1	4,6	10	Medium
Pyrethrins II	167,0	Wide	91,0	Wide	30,095	1	1	4,6	25	Medium
Pyridaben	147,2	Wide	132,2	Wide	31,92	1	1	7,8	10	Medium
Pyridaben	147,2	Wide	117,1	Wide	31,92	1	1	7,8	20	Medium
Pyridalyl	204,0	Wide	148,0	Wide	33,72	1	1	10,7	20	Medium
Pyridalyl	204,0	Wide	146,0	Wide	33,72	1	1	10,7	40	Medium
Pyridalyl	164,0	Wide	146,0	Wide	33,72	1	1	10,7	10	Medium

Pyridaphenthion	340,0	Wide	199,0	Wide	28,67	1	1	3,6	5	Medium
Pyridaphenthion	204,0	Wide	203,1	Wide	28,67	1	1	3,6	5	Medium
Pyridaphenthion	188,0	Wide	82,0	Wide	28,67	1	1	3,6	10	Medium
Pyrifenox	171,0	Wide	136,0	Wide	21,52	1	1	3,9	15	Medium
Pyrifenox	171,0	Wide	100,0	Wide	21,52	1	1	3,9	25	Medium
Pyrifenox {CAS # 88283-41-4}	171,0	Wide	136,0	Wide	22,92	1	1	3,5	15	Medium
Pyrifenox {CAS # 88283-41-4}	171,0	Wide	100,0	Wide	22,92	1	1	3,5	30	Medium
Pyrimethanil	198,0	Wide	183,1	Wide	14,48	1	1	5,6	15	Medium
Pyrimethanil	198,0	Wide	158,1	Wide	14,48	1	1	5,6	20	Medium
Pyrimethanil	198,0	Wide	118,1	Wide	14,48	1	1	5,6	35	Medium
Pyriofenone	352,1	Wide	322,1	Wide	28,35	1	1	3,7	15	Medium
Pyriofenone	334,1	Wide	319,1	Wide	28,35	1	1	3,7	15	Medium
Pyriofenone	334,1	Wide	304,1	Wide	28,35	1	1	3,7	15	Medium
Pyriofenone	334,1	Wide	233,0	Wide	28,35	1	1	3,7	40	Medium
Pyriproxyfen	226,1	Wide	186,2	Wide	30,26	1	1	4,8	15	Medium
Pyriproxyfen	136,1	Wide	96,0	Wide	30,26	1	1	4,8	15	Medium
Pyriproxyfen	136,1	Wide	78,1	Wide	30,26	1	1	4,8	20	Medium
Pyroquilon	173,0	Wide	130,1	Wide	14,12	1	1	5,5	20	Medium
Pyroquilon	129,9	Wide	77,0	Wide	14,12	1	1	5,5	25	Medium
Quinalphos	157,0	Wide	129,1	Wide	21,91	1	1	3,5	15	Medium
Quinalphos	146,0	Wide	118,0	Wide	21,91	1	1	3,5	10	Medium
Quinalphos	146,0	Wide	91,0	Wide	21,91	1	1	3,5	30	Medium
Quinoxyfen	271,9	Wide	237,1	Wide	27,13	1	1	4,8	10	Medium
Quinoxyfen	237,0	Wide	208,1	Wide	27,13	1	1	4,8	30	Medium
Qwintozene	295,0	Wide	264,7	Wide	13,4	1	1	5,7	5	Medium
Qwintozene	295,0	Wide	236,9	Wide	13,4	1	1	5,7	15	Medium
Resmethrin-cis (Cismethrin)	171,0	Wide	128,1	Wide	28,35	1	1	3,7	15	Medium
Resmethrin-cis (Cismethrin)	143,0	Wide	128,0	Wide	28,35	1	1	3,7	15	Medium
Resmethrin-cis (Cismethrin)	143,0	Wide	128,0	Wide	28,35	1	1	3,7	5	Medium
Resmethrin-cis (Cismethrin)	123,0	Wide	81,1	Wide	28,35	1	1	3,7	5	Medium
Ronnel (Fenchlorphos)	286,9	Wide	272,0	Wide	17,42	1	1	5,8	15	Medium
Ronnel (Fenchlorphos)	285,0	Wide	269,9	Wide	17,42	1	1	5,8	15	Medium
Silafluofen	286,0	Wide	258,1	Wide	33,92	1	1	12,4	10	Medium
Silafluofen	179,2	Wide	151,1	Wide	33,92	1	1	12,4	10	Medium

Silafluofen	179,2	Wide	91,1	Wide	33,92	1	1	12,4	20	Medium
Simazine	201,1	Wide	173,1	Wide	13,18	1	1	6,1	5	Medium
Simazine	173,0	Wide	172,1	Wide	13,18	1	1	6,1	5	Medium
Simazine	173,0	Wide	138,2	Wide	13,18	1	1	6,1	5	Medium
Spiromesifen	273,0	Wide	255,1	Wide	28,47	1	1	3,7	5	Medium
Spiromesifen	272,0	Wide	254,2	Wide	28,47	1	1	3,7	5	Medium
Spiromesifen	272,0	Wide	209,2	Wide	28,47	1	1	3,7	10	Medium
Sulfotep	237,8	Wide	145,9	Wide	11,71	1	1	8,8	10	Medium
Sulfotep	201,8	Wide	145,9	Wide	11,71	1	1	8,8	10	Medium
Tebuconazole	250,0	Wide	153,0	Wide	27,82	1	1	4,3	10	Medium
Tebuconazole	250,0	Wide	125,0	Wide	27,82	1	1	4,3	20	Medium
Tebuconazole	125,0	Wide	89,0	Wide	27,82	1	1	4,3	15	Medium
Tebufenpyrad	332,9	Wide	171,0	Wide	29,47	1	1	3,5	15	Medium
Tebufenpyrad	275,9	Wide	171,1	Wide	29,47	1	1	3,5	10	Medium
Tecnazene (TCNB)	260,9	Wide	203,0	Wide	10,1	1	1	15,6	10	Medium
Tecnazene (TCNB)	214,9	Wide	179,0	Wide	10,1	1	1	15,6	10	Medium
Tefluthrin, cis-	197,0	Wide	141,1	Wide	15,21	1	1	5,8	10	Medium
Tefluthrin, cis-	177,1	Wide	127,1	Wide	15,21	1	1	5,8	15	Medium
Tefluthrin, cis-	177,1	Wide	87,0	Wide	15,21	1	1	5,8	30	Medium
Terbacil	161,1	Wide	144,1	Wide	14,83	1	1	5,8	10	Medium
Terbacil	160,0	Wide	117,1	Wide	14,83	1	1	5,8	5	Medium
Terbufos	230,9	Wide	175,0	Wide	13,98	1	1	5,4	10	Medium
Terbufos	230,9	Wide	129,0	Wide	13,98	1	1	5,4	20	Medium
Terbutryn	241,1	Wide	170,2	Wide	18,3	1	1	5,7	15	Medium
Terbutryn	185,0	Wide	170,1	Wide	18,3	1	1	5,7	5	Medium
Tetrachlorvinphos, E-isomer II	330,8	Wide	108,9	Wide	23,04	1	1	3,5	15	Medium
Tetrachlorvinphos, E-isomer II	328,8	Wide	108,9	Wide	23,04	1	1	3,5	15	Medium
Tetraconazole	336,0	Wide	217,9	Wide	19,93	1	1	5,1	20	Medium
Tetraconazole	336,0	Wide	203,8	Wide	19,93	1	1	5,1	30	Medium
Tetraconazole	170,9	Wide	136,0	Wide	19,93	1	1	5,1	10	Medium
Tetradifon	226,9	Wide	199,0	Wide	29,72	1	1	3,8	15	Medium
Tetradifon	158,9	Wide	131,0	Wide	29,72	1	1	3,8	10	Medium
Tetrahydrophthalimide, cis-1,2,3,6-	151,0	Wide	122,0	Wide	8,58	1	1	13,9	25	Medium
Tetrahydrophthalimide, cis-1,2,3,6-	151,0	Wide	80,0	Wide	8,58	1	1	13,9	5	Medium

Tetrahydrophthalimide, cis-1,2,3,6-	151,0	Wide	79,0	Wide	8,58	1	1	13,9	20	Medium
Tetramethrin II {CAS # 7696-12-0}	164,0	Wide	107,1	Wide	29	1	1	3,5	10	Medium
Tetramethrin II {CAS # 7696-12-0}	164,0	Wide	77,1	Wide	29	1	1	3,5	25	Medium
Tetrasul	323,9	Wide	251,9	Wide	26,5	1	1	5,4	15	Medium
Tetrasul	321,7	Wide	252,0	Wide	26,5	1	1	5,4	15	Medium
Thiobencarb (Benthiocarb)	256,9	Wide	100,1	Wide	19,16	1	1	5,1	5	Medium
Thiobencarb (Benthiocarb)	124,9	Wide	89,0	Wide	19,16	1	1	5,1	15	Medium
Thiobencarb (Benthiocarb)	100,0	Wide	72,0	Wide	19,16	1	1	5,1	5	Medium
Tolclofos-methyl	265,0	Wide	250,0	Wide	16,9	1	1	5,3	15	Medium
Tolclofos-methyl	265,0	Wide	93,0	Wide	16,9	1	1	5,3	25	Medium
Tolylfluanid	239,8	Wide	137,0	Wide	21,43	1	1	4,0	15	Medium
Tolylfluanid	237,9	Wide	137,0	Wide	21,43	1	1	4,0	15	Medium
Tolylfluanid	136,9	Wide	91,1	Wide	21,43	1	1	4,0	20	Medium
Tolylfluanid	136,9	Wide	65,0	Wide	21,43	1	1	4,0	30	Medium
Triadimefon	208,0	Wide	181,1	Wide	19,77	1	1	5,0	5	Medium
Triadimefon	208,0	Wide	111,0	Wide	19,77	1	1	5,0	20	Medium
Triadimenol	168,0	Wide	70,0	Wide	22,4	1	1	3,5	10	Medium
Triadimenol	128,0	Wide	65,0	Wide	22,4	1	1	3,5	25	Medium
Triallate	268,0	Wide	184,1	Wide	15,16	1	1	5,7	20	Medium
Triallate	142,9	Wide	83,0	Wide	15,16	1	1	5,7	15	Medium
Triazophos	161,2	Wide	134,2	Wide	26,69	1	1	5,3	5	Medium
Triazophos	161,2	Wide	106,1	Wide	26,69	1	1	5,3	10	Medium
Trifloxystrobin	186,0	Wide	145,1	Wide	27,34	1	1	4,6	15	Medium
Trifloxystrobin	172,0	Wide	145,1	Wide	27,34	1	1	4,6	15	Medium
Trifloxystrobin	116,0	Wide	89,0	Wide	27,34	1	1	4,6	15	Medium
Triflumizole	206,0	Wide	186,0	Wide	22,42	1	1	3,5	10	Medium
Triflumizole	206,0	Wide	179,0	Wide	22,42	1	1	3,5	15	Medium
Trifluralin	305,9	Wide	264,0	Wide	11,55	1	1	9,5	5	Medium
Trifluralin	264,0	Wide	160,1	Wide	11,55	1	1	9,5	15	Medium
Triphenyl phosphate	326,0	Wide	325,0	Wide	28	1	1	4,1	5	Medium
Triphenyl phosphate	214,9	Wide	168,1	Wide	28	1	1	4,1	15	Medium
Vinclozolin	197,9	Wide	145,0	Wide	16,81	1	1	5,3	15	Medium
Vinclozolin	187,0	Wide	124,0	Wide	16,81	1	1	5,3	20	Medium

Table S2. LC–MS/MS detector parameters used for pesticide residue analysis, including retention times (RT), precursor ions, product ions, collision energies, and ion transitions applied for compound identification and confirmation (Dynamic MRM).

Compound Name	Precursor Ion	MS1 Res	Product Ion	MS2 Res	Fragmentor	Collision Energy	Ret Time (min)	Delta Ret Time	Polarity
Abamektyna	895,4	Widest	751	Wide	122	46	18,96813	0,8	Positive
Abamektyna	890,7	Widest	305,2	Wide	140	20	18,96813	0,8	Positive
Acefat	184	Wide	143	Wide	60	4	0,9921833	0,8	Positive
Acefat	184	Wide	125	Wide	60	12	0,9921833	0,8	Positive
Acetamipryd	223,1	Wide	126	Wide	80	20	4,456767	0,9	Positive
Acetamipryd	223,1	Wide	56	Wide	80	12	4,456767	0,9	Positive
Aklonifen	265	Widest	248	Wide	112	16	14,34918	0,8	Positive
Aklonifen	265	Widest	182	Wide	112	32	14,34918	0,8	Positive
Aldikarb	116	Wide	70,1	Wide	80	4	6,78685	0,9	Positive
Aldikarb	116	Wide	61	Wide	80	12	6,78685	0,9	Positive
Aldikarb sulfon	223,1	Wide	148	Wide	80	4	1,548	0,9	Positive
Aldikarb sulfon	223,1	Wide	86,1	Wide	80	8	1,548	0,9	Positive
Aldikarb sulfotlenek	207,1	Wide	132	Wide	70	5	1,1091	1	Positive
Aldikarb sulfotlenek	207,1	Wide	89	Wide	70	8	1,1091	1	Positive
Ametoktradyna	276,3	Wide	176,1	Wide	112	40	13,26427	1,5	Positive
Ametoktradyna	276,3	Wide	149,1	Wide	112	40	13,26427	1,5	Positive
Amidosulfuron	370	Wide	261	Wide	92	9	8,0505	0,7	Positive
Amidosulfuron	370	Wide	218	Wide	92	21	8,0505	0,6	Positive
Amisulbrom	465,9	Widest	226,9	Wide	88	28	16,41247	0,5	Positive
Amisulbrom	465,9	Widest	148	Wide	88	64	16,41247	0,6	Positive
Amitraz-DMF	150,1	Wide	107,1	Wide	108	20	6,756134	0,9	Positive
Amitraz-DMF	150,1	Wide	106,1	Wide	108	36	6,756134	0,9	Positive
Amitraz-DMPF	163,2	Wide	132,2	Wide	108	16	1,848017	1	Positive
Amitraz-DMPF	163,2	Wide	107,1	Wide	108	24	1,848017	1	Positive
Azadyrachtyna	703,3	Wide	685,2	Wide	140	8	10,23798	0,8	Positive
Azadyrachtyna	703,3	Wide	567,2	Wide	140	12	10,23798	0,8	Positive
Azoksystrobina	404,1	Wide	372,1	Wide	120	10	12,81433	0,6	Positive
Azoksystrobina	404,1	Wide	344,1	Wide	120	15	12,81433	0,5	Positive
Azyprotryna	226,1	Wide	156	Wide	88	12	12,39183	1,3	Positive
Azyprotryna	226,1	Wide	125,1	Wide	88	8	12,39183	1,3	Positive

Beflubutamid	356,1	Wide	162,1	Wide	88	28	14,70133	0,5	Positive
Beflubutamid	356,1	Wide	91,1	Wide	88	36	14,70133	0,6	Positive
Bendiokarb	224	Wide	109	Wide	64	17	9,075467	0,6	Positive
Bendiokarb	224	Wide	81,1	Wide	64	37	9,075467	0,5	Positive
Bentiawalikarb izopropylu	382,1	Wide	180	Wide	88	33	12,225	0,6	Positive
Bentiawalikarb izopropylu	382,1	Wide	116	Wide	88	21	12,225	0,5	Positive
Benzovidiflupyr	398	Wide	378,1	Wide	100	12	14,72803	2	Positive
Benzovidiflupyr	398	Wide	342,1	Wide	100	16	14,72803	2	Positive
Biksafen	414,1	Widest	394,1	Wide	120	12	14,17888	0,6	Positive
Biksafen	414,1	Widest	266	Wide	120	24	14,17888	0,7	Positive
Boskalid	343	Wide	307	Wide	130	17	13,0188	0,6	Positive
Boskalid	343	Wide	271,1	Wide	130	35	13,0188	0,5	Positive
Bromacyl	261	Wide	204,9	Wide	64	9	7,552067	0,6	Positive
Bromacyl	261	Wide	161,9	Wide	64	33	7,552067	0,5	Positive
Bromukonazol	378	Wide	160,9	Wide	150	29	12,71218	1,1	Positive
Bromukonazol	378	Wide	158,9	Wide	150	29	12,71218	1,1	Positive
Carfentazone Ethyl	412,1	Wide	366	Wide	140	16	14,68302	0,8	Positive
Carfentazone Ethyl	412,1	Wide	346	Wide	140	24	14,68302	0,8	Positive
Chinochlamina	208	Wide	105	Wide	88	24	11,94707	0,7	Positive
Chinochlamina	208	Wide	77,1	Wide	88	44	11,94707	0,7	Positive
Chizalofop etylowy	373	Wide	299	Wide	120	18	16,41632	0,6	Positive
Chizalofop etylowy	373	Wide	271	Wide	120	26	16,41632	0,5	Positive
Chlofentezyna	303	Wide	138	Wide	96	14	15,4311	0,6	Positive
Chlofentezyna	303	Wide	102,1	Wide	96	42	15,4311	0,5	Positive
Chlorantraniliprol	484	Wide	452,9	Wide	104	13	11,65188	0,5	Positive
Chlorantraniliprol	484	Wide	285,9	Wide	104	9	11,65188	0,6	Positive
Chloridazon	222	Wide	92	Wide	145	28	3,4259	1	Positive
Chloridazon	222	Wide	77	Wide	145	35	3,4259	1	Positive
Chloropiryfos	351,9	Wide	199,9	Wide	88	17	17,56553	0,7	Positive
Chloropiryfos	351,9	Wide	96,9	Wide	88	33	17,56553	0,6	Positive
Chloropiryfos D10	362	Wide	200,9	Wide	110	17	17,48892	0,7	Positive
Chloropiryfos D10	362	Wide	99	Wide	110	41	17,48892	0,6	Positive
Chlorosulfuron	358	Wide	167,1	Wide	100	13	8,388634	0,5	Positive
Chlorosulfuron	358	Wide	141,1	Wide	100	17	8,388634	0,6	Positive

Chlorotoluron	213,1	Wide	140	Wide	120	33	9,544867	0,6	Positive
Chlorotoluron	213,1	Wide	72	Wide	120	33	9,544867	0,7	Positive
Chromafenozyd	395,2	Wide	175	Wide	88	17	13,92968	0,7	Positive
Chromafenozyd	395,2	Wide	119,1	Wide	88	58	13,92968	0,6	Positive
Cyjanotraniliprol	475	Wide	443,9	Wide	112	16	10,55825	0,8	Positive
Cyjanotraniliprol	475	Wide	285,9	Wide	112	12	10,55825	0,8	Positive
Cykloksydym	326,2	Wide	280,2	Wide	108	12	17,47728	1,2	Positive
Cykloksydym	326,2	Wide	180,1	Wide	108	12	17,47728	1,2	Positive
Cyflufenamid	413,1	Wide	295,1	Wide	100	13	16,27045	0,7	Positive
Cyflufenamid	413,1	Wide	241,1	Wide	100	21	16,27045	0,6	Positive
Cyflumetofen	465	Wide	249,1	Wide	100	8	17,52898	2	Positive
Cyflumetofen	465	Wide	173	Wide	100	24	17,52898	2	Positive
Cyjazofamid	325	Wide	108	Wide	76	8	14,58827	0,6	Positive
Cyjazofamid	325	Wide	44,2	Wide	76	28	14,58827	0,5	Positive
Cymiazol	219,1	Wide	171,1	Wide	136	29	6,03655	1,9	Positive
Cymiazol	219,1	Wide	144,1	Wide	136	37	6,03655	1,9	Positive
Cymoksanil	199	Wide	128	Wide	50	4	5,586967	0,9	Positive
Cymoksanil	199	Wide	83	Wide	50	24	5,586967	0,9	Positive
Cyprokonazol	292,1	Wide	125	Wide	120	15	12,13067	0,5	Positive
Cyprokonazol	292,1	Wide	70	Wide	120	15	12,13067	0,6	Positive
DEET (N,N-Dietylo-m-toluamid)	192,1	Wide	119	Wide	120	17	10,19548	0,8	Positive
DEET (N,N-Dietylo-m-toluamid)	192,1	Wide	91,1	Wide	120	33	10,19548	0,8	Positive
Demeton-S-metylowy	231,1	Wide	89,1	Wide	40	4	8,3655	0,7	Positive
Demeton-S-metylowy	231,1	Wide	61,1	Wide	40	32	8,3655	0,6	Positive
Demeton-S-metylowy sulfon	263,1	Wide	169,1	Wide	76	13	2,014017	1	Positive
Demeton-S-metylowy sulfon	263,1	Wide	109	Wide	76	29	2,014017	1	Positive
Demeton-S-metylowy sulfotlenek (Oksydemeton metylowy)	247,1	Wide	169,1	Wide	60	9	1,323617	0,9	Positive
Demeton-S-metylowy sulfotlenek (Oksydemeton metylowy)	247,1	Wide	109	Wide	60	29	1,323617	1	Positive
Desmedifam	318,1	Wide	182	Wide	84	14	12,02547	0,5	Positive
Desmedifam	318,1	Wide	136	Wide	84	26	12,02547	0,6	Positive
Dietofenkarb	268,1	Wide	152	Wide	85	21	12,36237	0,5	Positive
Dietofenkarb	268,1	Wide	124	Wide	85	30	12,36237	0,6	Positive
Diflubenzuron	311	Wide	158,1	Wide	96	12	13,40092	0,5	Positive

Diflubenzuron	311	Wide	141	Wide	96	36	13,40092	0,6	Positive
Diflufenikan	395	Wide	266	Wide	136	25	16,09523	0,7	Positive
Diflufenikan	395	Wide	246	Wide	136	41	16,09523	0,6	Positive
Dikrotofos	238	Wide	127	Wide	88	13	1,870567	1,5	Positive
Dikrotofos	238	Wide	112,1	Wide	88	9	1,870567	1,5	Positive
Dimetenamid-P	278,1	Wide	246,1	Wide	88	9	12,40345	0,5	Positive
Dimetenamid-P	276,1	Wide	244,1	Wide	88	9	12,40345	0,6	Positive
Dimetoat	230,1	Wide	199	Wide	70	4	3,9764	1,1	Positive
Dimetoat	230,1	Wide	125	Wide	70	20	3,9764	1,1	Positive
Dinotefuran	203	Wide	129,1	Wide	80	8	1,4312	3	Positive
Dinotefuran	203	Wide	87,1	Wide	80	12	1,4312	3	Positive
Disulfoton sulfon	307	Wide	153,1	Wide	67	8	11,6587	0,6	Positive
Disulfoton sulfon	307	Wide	97	Wide	67	24	11,6587	0,7	Positive
Disulfoton sulfotlenek	291	Wide	157	Wide	72	20	9,855184	0,6	Positive
Disulfoton sulfotlenek	291	Wide	97	Wide	72	36	9,855184	0,7	Positive
Diuron	233	Wide	159,9	Wide	88	29	10,23418	0,6	Positive
Diuron	233	Wide	72,1	Wide	88	21	10,23418	0,7	Positive
Emamektyna B1a	887,6	Widest	158,1	Wide	104	37	15,1252	0,7	Positive
Emamektyna B1a	887,6	Widest	82,1	Wide	104	60	15,1252	0,6	Positive
Emamektyna B1b	873,6	Widest	158,1	Wide	140	34	14,4935	0,6	Positive
Emamektyna B1b	872,6	Widest	158,2	Wide	140	34	14,4935	0,6	Positive
Etametsulfuron metylowy	411,2	Wide	196,1	Wide	100	16	9,922466	2	Positive
Etametsulfuron metylowy	411,2	Wide	168	Wide	100	32	9,922466	2	Positive
Etiofenkarb	226	Wide	164	Wide	64	5	10,09162	0,6	Positive
Etiofenkarb	226	Wide	107	Wide	64	13	10,09162	0,7	Positive
Etoksazol	360,1	Wide	304,1	Wide	120	11	18,14185	0,6	Positive
Etoksazol	360,1	Wide	141	Wide	120	29	18,14185	0,7	Positive
Etyrymol	210,2	Wide	140,2	Wide	140	24	6,4108	0,9	Positive
Etyrymol	210,2	Wide	98,1	Wide	140	28	6,4108	0,9	Positive
Famoksadon	392,2	Widest	331,1	Wide	80	4	15,27748	0,5	Positive
Famoksadon	392,2	Widest	238,1	Wide	80	16	15,27748	0,6	Positive
Fenamidon	312	Wide	236,1	Wide	104	9	12,87673	0,5	Positive
Fenamidon	312	Wide	92,1	Wide	104	25	12,87673	0,6	Positive
Fenamifos	304,1	Wide	217	Wide	120	20	12,67262	0,6	Positive

Fenamifos	304,1	Wide	202	Wide	120	36	12,67262	0,5	Positive
Fenamifos sulfon	336,1	Wide	308,1	Wide	120	12	9,198183	0,5	Positive
Fenamifos sulfon	336,1	Wide	266	Wide	120	16	9,198183	0,6	Positive
Fenamifos sulfotlenek	320,1	Wide	233	Wide	124	24	7,7594	0,7	Positive
Fenamifos sulfotlenek	320,1	Wide	171,1	Wide	124	20	7,7594	0,6	Positive
Fenbukonazol	337,1	Wide	125	Wide	120	20	13,46777	0,5	Positive
Fenbukonazol	337,1	Wide	70	Wide	120	20	13,46777	0,6	Positive
Fenfuram	202	Wide	109	Wide	88	20	10,1525	0,7	Positive
Fenfuram	202	Wide	53,1	Wide	88	48	10,1525	0,6	Positive
Fenheksamid	302	Wide	97,1	Wide	136	24	12,98428	0,6	Positive
Fenheksamid	302	Wide	55,1	Wide	136	50	12,98428	0,5	Positive
Fenmedifam	301,1	Wide	136	Wide	84	18	12,02823	0,6	Positive
Fenmedifam	301,1	Wide	108	Wide	84	34	12,02823	0,5	Positive
Fenobukarb	208,1	Wide	95,1	Wide	64	13	11,94707	0,7	Positive
Fenobukarb	208,1	Wide	77,1	Wide	64	45	11,94707	0,6	Positive
Fenoksaprop-P-etylowy	362,1	Wide	288	Wide	120	17	16,38825	0,7	Positive
Fenoksaprop-P-etylowy	362,1	Wide	91,1	Wide	120	40	16,38825	0,6	Positive
Fenpiroksymat	422,2	Wide	214	Wide	130	33	17,95253	0,6	Positive
Fenpiroksymat	422,2	Wide	138	Wide	130	33	17,95253	0,7	Positive
Fenpropidyna	274,3	Wide	147,1	Wide	140	32	10,95072	1,5	Positive
Fenpropidyna	274,3	Wide	132,1	Wide	140	48	10,95072	1,5	Positive
Fenpropimorf	304,3	Wide	146,9	Wide	130	30	12,9761	0,6	Positive
Fenpropimorf	304,3	Wide	129,9	Wide	130	26	12,9761	0,6	Positive
Fensulfotion	309,1	Wide	281,1	Wide	75	12	7,852167	0,6	Positive
Fensulfotion	309,1	Wide	253	Wide	75	16	7,852167	0,7	Positive
Fensulfotion okson	293,1	Wide	265,1	Wide	85	8	5,801967	0,9	Positive
Fensulfotion okson	293,1	Wide	237,1	Wide	85	16	5,801967	0,9	Positive
Fensulfotion sulfon	325,1	Wide	269,1	Wide	121	12	12,3564	0,6	Positive
Fensulfotion sulfon	325,1	Wide	191	Wide	121	24	12,3564	0,5	Positive
Fensulfotion sulfon okson	309,1	Wide	253,1	Wide	120	12	7,852167	0,8	Positive
Fensulfotion sulfon okson	309,1	Wide	175,1	Wide	120	24	7,852167	0,8	Positive
Fention	279	Wide	247	Wide	88	8	14,96823	0,6	Positive
Fention	279	Wide	169	Wide	88	16	14,96823	0,6	Positive
Fention sulfotlenek	295,1	Wide	280,1	Wide	140	16	9,346434	0,6	Positive

Fention sulfotlenek	295,1	Wide	109,1	Wide	140	36	9,346434	0,6	Positive
Fentoat	321	Wide	163,1	Wide	72	8	15,13985	0,5	Positive
Fentoat	321	Wide	79,1	Wide	72	48	15,13985	0,6	Positive
Flazasulfuron	408,2	Wide	182	Wide	100	20	10,91747	2	Positive
Flazasulfuron	408,2	Wide	139	Wide	100	40	10,91747	2	Positive
Flonikamid	230,1	Wide	203	Wide	90	16	2,3887	0,9	Positive
Flonikamid	230,1	Wide	148,1	Wide	90	26	2,3887	0,9	Positive
Florasulam	360	Wide	129	Wide	88	40	8,775434	0,7	Positive
Florasulam	360	Wide	109,1	Wide	88	50	8,775434	0,6	Positive
Flufenacet	364	Wide	194,1	Wide	88	5	14,06603	0,7	Positive
Flufenacet	364	Wide	152	Wide	88	17	14,06603	0,7	Positive
Flufenoksuron	489,1	Wide	158	Wide	88	16	17,49715	0,6	Positive
Flufenoksuron	489,1	Wide	141	Wide	88	50	17,49715	0,6	Positive
Fluksapyroksad	382,2	Wide	342,1	Wide	100	20	13,00398	0,5	Positive
Fluksapyroksad	382,2	Wide	314,2	Wide	100	28	13,00398	0,6	Positive
Fluoksastrobina	459,1	Wide	427	Wide	120	13	14,09117	0,5	Positive
Fluoksastrobina	459,1	Wide	188	Wide	120	37	14,09117	0,6	Positive
Fluopikolid	383	Wide	173	Wide	124	34	13,352	0,6	Positive
Fluopikolid	383	Wide	145	Wide	124	58	13,352	0,5	Positive
Fluopyram	397	Wide	190	Wide	118	17	13,47742	0,5	Positive
Fluopyram	397	Wide	173,1	Wide	118	29	13,47742	0,6	Positive
Flupyradifuron	289,1	Wide	245,1	Wide	140	16	5,9692	0,8	Positive
Flupyradifuron	289,1	Wide	126	Wide	140	24	5,9692	0,8	Positive
Flurochloridon	312,1	Widest	292	Wide	100	29	13,89012	0,6	Positive
Flurochloridon	312,1	Widest	144,9	Wide	100	60	13,89012	0,5	Positive
Flutolanil	324,1	Wide	262,1	Wide	116	16	13,83378	0,6	Positive
Flutolanil	324,1	Wide	242,1	Wide	116	24	13,83378	0,6	Positive
Flutriafol	302,1	Wide	123	Wide	120	20	10,0126	0,5	Positive
Flutriafol	302,1	Wide	70	Wide	120	15	10,0126	0,6	Positive
Foksym	299,1	Wide	129,1	Wide	72	8	15,81693	0,5	Positive
Foksym	299,1	Wide	77,1	Wide	72	32	15,81693	0,6	Positive
Foramsulfuron	453,2	Wide	272,1	Wide	80	12	8,35455	2	Positive
Foramsulfuron	453,2	Wide	182	Wide	80	24	8,35455	2	Positive
Formetanat	222,1	Wide	165,1	Wide	120	12	9,158283	1,3	Positive

Formetanat	222,1	Wide	93,1	Wide	120	40	9,158283	1,3	Positive
Fosmet	318	Wide	160,1	Wide	72	8	12,46885	0,7	Positive
Fosmet	318	Wide	133	Wide	72	40	12,46885	0,6	Positive
Fosmet okson	302,1	Wide	160	Wide	88	12	7,4613	0,8	Positive
Fosmet okson	302,1	Wide	133	Wide	88	40	7,4613	0,8	Positive
Fostiazat	284,1	Wide	228	Wide	72	4	10,00022	0,6	Positive
Fostiazat	284,1	Wide	104,1	Wide	72	24	10,00022	0,6	Positive
Fuberidazol	185,1	Wide	157,1	Wide	120	24	4,28255	1,9	Positive
Fuberidazol	185,1	Wide	156,1	Wide	120	32	4,28255	1,9	Positive
Heksytiazoks	353,1	Wide	227,9	Wide	128	13	17,62688	0,5	Positive
Heksytiazoks	353,1	Wide	168,1	Wide	128	25	17,62688	0,6	Positive
Heksaflumuron	461	Wide	158	Wide	80	20	15,73567	2	Positive
Heksaflumuron	461	Wide	141	Wide	80	40	15,73567	2	Positive
Imazalil	297	Wide	200,9	Wide	130	14	10,0328	0,7	Positive
Imazalil	297	Wide	158,9	Wide	130	22	10,0328	0,7	Positive
Imazapik	276	Wide	231,1	Wide	100	20	2,36705	2	Positive
Imazapik	276	Wide	163	Wide	100	28	2,36705	2	Positive
Imidachlopryd	256,1	Wide	209,1	Wide	80	13	3,529267	1	Positive
Imidachlopryd	256,1	Wide	175	Wide	80	21	3,529267	1	Positive
Indoksakarb	528,1	Wide	203	Wide	104	45	16,26758	0,6	Positive
Indoksakarb	528,1	Wide	150	Wide	104	18	16,26758	0,6	Positive
Ipkonazol	334,2	Wide	125	Wide	112	50	14,81922	0,7	Positive
Ipkonazol	334,2	Wide	70,1	Wide	112	24	14,81922	0,7	Positive
Iprowalikarb	321,2	Wide	203,2	Wide	84	4	12,71565	0,5	Positive
Iprowalikarb	321,2	Wide	119,1	Wide	84	20	12,71565	0,6	Positive
Izoksaben	333	Wide	165	Wide	80	20	13,42565	2	Positive
Izoksaben	333	Wide	150	Wide	80	40	13,42565	2	Positive
Izoksaflutol	377	Wide	360	Wide	60	4	12,6071	2	Positive
Izoksaflutol	377	Wide	251	Wide	60	20	12,6071	2	Positive
Izoksation	314	Wide	105	Wide	80	12	15,98887	2	Positive
Izoksation	314	Wide	97	Wide	80	40	15,98887	2	Positive
Izoksaflutol	377,1	Wide	251	Wide	64	24	12,6071	0,6	Positive
Izoksaflutol	360,1	Wide	189	Wide	136	40	12,6071	0,5	Positive
Izoprokarb	211,1	Wide	194,1	Wide	64	4	10,61462	0,7	Positive

Izoprokarb	211,1	Wide	95,1	Wide	64	16	10,61462	0,7	Positive
Izoprotiolan	291,1	Wide	189	Wide	72	24	13,63248	0,5	Positive
Izoprotiolan	291,1	Wide	145	Wide	72	36	13,63248	0,6	Positive
Izoproturon	207,2	Wide	72,1	Wide	104	17	10,23672	0,6	Positive
Izoproturon	207,2	Wide	46,1	Wide	104	17	10,23672	0,6	Positive
Izopyrazam	360,2	Wide	320,2	Wide	120	17	15,60462	0,6	Positive
Izopyrazam	360,2	Wide	244,1	Wide	120	21	15,60462	0,6	Positive
Jodosulfuron metylowy	508	Wide	167	Wide	112	19	9,919917	0,7	Positive
Jodosulfuron metylowy	508	Wide	141	Wide	112	35	9,919917	0,5	Positive
Kadusafos	271,1	Wide	159	Wide	72	9	15,21375	0,7	Positive
Kadusafos	271,1	Wide	130,9	Wide	72	21	15,21375	0,6	Positive
Karbaryl	202,1	Wide	145,1	Wide	80	4	9,679083	0,6	Positive
Karbaryl	202,1	Wide	127,1	Wide	80	28	9,679083	0,6	Positive
Karbendazym	192,1	Wide	160	Wide	96	17	2,715033	1,5	Positive
Karbendazym	192,1	Wide	132	Wide	96	33	2,715033	1,5	Positive
Karbetamid	237,1	Wide	120	Wide	64	13	7,227117	0,7	Positive
Karbetamid	237,1	Wide	118,1	Wide	64	9	7,227117	0,7	Positive
Karbofuran	222,1	Wide	165	Wide	80	9	9,158283	0,7	Positive
Karbofuran	222,1	Wide	123	Wide	80	21	9,158283	0,7	Positive
Karbofuran 3-hydroksy	238,1	Wide	181	Wide	90	4	3,274833	0,9	Positive
Karbofuran 3-hydroksy	238,1	Wide	163	Wide	90	12	3,274833	0,9	Positive
Karbofuran 3-keto	236,1	Wide	179	Wide	80	9	7,050683	0,8	Positive
Karbofuran 3-keto	236,1	Wide	161	Wide	80	17	7,050683	0,8	Positive
Klotianidyna	250,1	Wide	169,1	Wide	104	8	3,003367	1	Positive
Klotianidyna	250,1	Wide	132	Wide	104	16	3,003367	1	Positive
Lenacyl	235,1	Wide	153	Wide	70	13	8,76595	0,6	Positive
Lenacyl	235,1	Wide	136	Wide	70	37	8,76595	0,5	Positive
Linuron	249	Wide	159,9	Wide	110	14	12,08905	0,6	Positive
Linuron	249	Wide	132,9	Wide	110	30	12,08905	0,6	Positive
Lufenuron	511	Wide	158,1	Wide	120	24	16,98317	0,6	Positive
Lufenuron	511	Widest	141	Wide	120	48	16,98317	0,6	Positive
Malaokson	315,1	Widest	127	Wide	90	9	9,213516	0,6	Positive
Malaokson	315,1	Wide	99	Wide	90	25	9,213516	0,6	Positive
Malation	331	Wide	125	Wide	80	30	13,69637	0,6	Positive

Malation	331	Wide	99	Wide	80	21	13,69637	0,6	Positive
Mandipropamid	412,1	Wide	356	Wide	100	5	13,1238	0,5	Positive
Mandipropamid	412,1	Wide	328,1	Wide	100	9	13,1238	0,6	Positive
Metaflumizon	507,2	Widest	287,1	Wide	140	28	16,98358	0,6	Positive
Metaflumizon	507,2	Widest	178,1	Wide	140	24	16,98358	0,6	Positive
Metalaksyl	280,2	Wide	220,1	Wide	90	9	10,36552	0,7	Positive
Metalaksyl	280,2	Wide	192,1	Wide	90	13	10,36552	0,7	Positive
Metamidofos	142	Wide	125	Wide	90	9	0,9482333	1	Positive
Metamidofos	142	Wide	94	Wide	90	9	0,9482333	1	Positive
Metamitron	203,1	Wide	175	Wide	110	13	2,97945	0,9	Positive
Metamitron	203,1	Wide	104	Wide	110	25	2,97945	0,9	Positive
Metoprotryna	272,3	Wide	198	Wide	120	24	11,00767	0,8	Positive
Metoprotryna	272,3	Wide	170	Wide	120	28	11,00767	0,8	Positive
Metiokarb	226,1	Wide	169	Wide	120	9	11,90253	0,5	Positive
Metiokarb	226,1	Wide	121	Wide	120	17	11,90253	0,6	Positive
Metiokarb sulfon	258,1	Wide	201	Wide	70	4	5,758217	0,9	Positive
Metiokarb sulfon	258,1	Wide	122	Wide	70	16	5,758217	0,9	Positive
Metiokarb sulfotlenek	242,1	Wide	185	Wide	80	10	2,663817	0,9	Positive
Metiokarb sulfotlenek	242,1	Wide	122	Wide	80	35	2,663817	0,9	Positive
Metobromuron	259	Wide	169,9	Wide	108	20	10,58278	0,8	Positive
Metobromuron	259	Wide	148	Wide	108	12	10,58278	0,8	Positive
Metoksuron	229	Wide	156	Wide	112	24	7,0065	0,8	Positive
Metoksuron	229	Wide	72,1	Wide	112	28	7,0065	0,8	Positive
Metoksyfenozyd	369,2	Wide	133,1	Wide	90	15	13,5875	0,5	Positive
Metoksyfenozyd	369,2	Wide	91	Wide	90	45	13,5875	0,6	Positive
Metolachlor-S	284,2	Wide	252,1	Wide	92	9	13,79738	0,6	Positive
Metolachlor-S	284,2	Wide	176,1	Wide	92	25	13,79738	0,6	Positive
Metomyl	163,1	Wide	106,1	Wide	70	4	1,848467	0,8	Positive
Metomyl	163,1	Wide	88	Wide	70	8	1,848467	0,8	Positive
Metosulam	418	Wide	175	Wide	136	48	10,22623	0,7	Positive
Metosulam	418	Wide	140	Wide	136	50	10,22623	0,7	Positive
Metrafenon	409	Wide	227	Wide	92	13	16,18158	0,6	Positive
Metrafenon	409	Wide	209,1	Wide	92	9	16,18158	0,7	Positive
Metsulfuron metylowy	382,1	Wide	199	Wide	100	21	7,975833	0,7	Positive

Metsulfuron metylowy	382,1	Wide	167	Wide	100	13	7,975833	0,7	Positive
Monokrotofos	224	Wide	192,9	Wide	60	0	1,518633	0,9	Positive
Monokrotofos	224	Wide	127	Wide	60	12	1,518633	0,9	Positive
Monuron	199	Wide	126	Wide	88	24	7,708533	0,6	Positive
Monuron	199	Wide	72,1	Wide	88	20	7,708533	0,7	Positive
Napropamid	272,1	Wide	171	Wide	108	14	13,27753	0,5	Positive
Napropamid	272,1	Wide	129,1	Wide	108	14	13,27753	0,6	Positive
Nikosulfuron	411,1	Wide	213	Wide	100	16	7,2772	2	Positive
Nikosulfuron	411,1	Wide	182	Wide	100	24	7,2772	2	Positive
Nikosulfuron	411,1	Wide	106	Wide	100	40	7,2772	2	Positive
Nitenpyram	271,1	Widest	237	Widest	100	32	1,514267	0,8	Positive
Nitenpyram	271,1	Widest	225	Widest	100	32	1,514267	0,8	Positive
Nowaluron	493,1	Wide	158	Wide	140	20	16,23813	2	Positive
Nowaluron	493,1	Wide	141	Wide	140	40	16,23813	2	Positive
Oksadiksyl	279,1	Wide	219,1	Wide	80	9	7,953583	1,4	Positive
Oksadiksyl	279,1	Wide	133	Wide	80	21	7,953583	1,4	Positive
Oksamyl	237,1	Wide	90,1	Wide	85	10	1,56085	0,9	Positive
Oksamyl	237,1	Wide	72	Wide	85	10	1,56085	0,9	Positive
Oksykarboksyna	269	Wide	146,9	Wide	84	21	6,453516	0,7	Positive
Oksykarboksyna	268	Wide	175	Wide	84	13	6,453516	0,7	Positive
Ometoat	214	Wide	125	Wide	90	20	1,04965	1	Positive
Ometoat	214	Wide	108,9	Wide	90	22	1,04965	1	Positive
Paraokson metylowy	248	Wide	201,9	Wide	130	18	7,898083	0,6	Positive
Paraokson metylowy	248	Wide	90,1	Wide	130	26	7,898083	0,6	Positive
Paration etylowy	292	Wide	236	Wide	62	13	14,95315	0,6	Positive
Paration etylowy	292	Wide	94	Wide	62	45	14,95315	0,5	Positive
Paration metylowy	264	Widest	232	Wide	112	13	12,9338	0,5	Positive
Paration metylowy	264	Widest	125	Wide	112	17	12,9338	0,6	Positive
Pencykuron	329,1	Wide	218	Wide	128	15	15,69792	0,6	Positive
Pencykuron	329,1	Wide	125	Wide	128	25	15,69792	0,7	Positive
Pendimetalina	282,1	Wide	212	Wide	80	9	17,55367	0,7	Positive
Pendimetalina	282,1	Wide	194	Wide	80	17	17,55367	0,7	Positive
Pentiopirad	360,2	Wide	276,1	Wide	88	12	14,86223	0,6	Positive
Pentiopirad	360,2	Wide	256,1	Wide	88	20	14,86223	0,6	Positive

Petoksamid	296,1	Wide	131,1	Wide	92	17	13,75517	0,5	Positive
Petoksamid	296,1	Wide	91,1	Wide	92	45	13,75517	0,6	Positive
Pimetrozyna	218,1	Wide	105	Wide	78	22	1,240483	3,9	Positive
Pimetrozyna	218,1	Wide	78,1	Wide	78	54	1,240483	3,9	Positive
Pinoksaden	401,3	Wide	317,2	Wide	120	17	14,01848	0,6	Positive
Pinoksaden	401,3	Wide	57,1	Wide	120	33	14,01848	0,6	Positive
Piperonil butoksyd	356,2	Wide	177,1	Wide	64	13	16,99152	0,6	Positive
Piperonil butoksyd	356,2	Wide	119,1	Wide	64	41	16,99152	0,6	Positive
Pirochilon	174,1	Wide	132,1	Wide	136	24	6,8002	0,8	Positive
Pirochilon	174,1	Wide	117	Wide	136	40	6,8002	0,8	Positive
Pirydaben	365,2	Wide	309,1	Wide	110	9	18,96062	0,7	Positive
Pirydaben	365,2	Wide	147,1	Wide	110	25	18,96062	0,7	Positive
Piryproksyfen	322,1	Wide	185	Wide	88	24	17,33885	0,7	Positive
Piryproksyfen	322,1	Wide	96	Wide	88	16	17,33885	0,7	Positive
Prochloraz	376	Wide	308	Wide	90	9	14,09453	0,5	Positive
Prochloraz	376	Wide	265,9	Wide	90	13	14,09453	0,6	Positive
Prochloraz BTS 44595	327	Wide	284	Wide	160	13	12,77303	0,6	Positive
Prochloraz BTS 44595	325	Wide	129,1	Wide	160	17	12,77303	0,5	Positive
Prochloraz BTS 44596	355	Wide	310	Wide	88	9	13,69517	0,6	Positive
Prochloraz BTS 44596	353	Wide	70,1	Wide	112	25	13,69517	0,5	Positive
Propachizafop	444,1	Wide	299	Wide	120	22	16,69975	0,7	Positive
Propachizafop	444,1	Wide	100,1	Wide	120	14	16,69975	0,7	Positive
Propamokarb	189,2	Wide	102	Wide	100	13	1,0951	1	Positive
Propamokarb	189,2	Wide	74,1	Wide	100	25	1,0951	1	Positive
Propoksur	210,1	Wide	168	Wide	64	9	8,961166	0,9	Positive
Propoksur	210,1	Wide	111	Wide	64	13	8,961166	0,9	Positive
Propoksykarbazon	416,1	Wide	198,9	Wide	88	20	6,083917	0,5	Positive
Propoksykarbazon	416,1	Wide	116,1	Wide	88	40	6,083917	0,7	Positive
Prokwinazyd	373,1	Wide	331	Wide	88	9	18,32125	0,7	Positive
Prokwinazyd	373,1	Wide	288,9	Wide	88	21	18,32125	0,7	Positive
Prosulfokarb	252,1	Wide	128,1	Wide	88	9	16,48553	0,7	Positive
Prosulfokarb	252,1	Wide	91,1	Wide	88	25	16,48553	0,7	Positive
Prosulfuron	420	Wide	167	Wide	100	20	11,53813	2	Positive
Prosulfuron	420	Wide	141,1	Wide	100	20	11,53813	2	Positive

Pyridafol	207	Wide	104	Wide	124	21	4,232167	0,8	Positive
Pyridafol	207	Wide	77,1	Wide	124	37	4,232167	0,8	Positive
Pyrifenoks	297	Wide	93,1	Wide	88	24	12,87877	1,2	Positive
Pyrifenoks	295	Wide	93,1	Wide	88	25	12,87877	1,2	Positive
Pyroksulam	435	Wide	195	Wide	160	28	9,134533	0,7	Positive
Pyroksulam	435	Wide	82	Wide	160	68	9,134533	0,7	Positive
Rimsulfuron	432,1	Wide	325,1	Wide	124	9	9,240084	0,7	Positive
Rimsulfuron	432,1	Wide	182	Wide	124	21	9,240084	0,7	Positive
Rotenon	395,2	Wide	213,1	Wide	120	24	14,0048	0,5	Positive
Rotenon	395,2	Wide	192,1	Wide	120	24	14,0048	0,6	Positive
Saflufenacyl	501,1	Wide	459	Wide	140	12	12,50257	2	Positive
Saflufenacyl	501,1	Wide	349	Wide	140	28	12,50257	2	Positive
Saflufenacyl	501,1	Wide	198	Wide	140	40	12,50257	2	Positive
Siltiofam	268,2	Wide	252,1	Wide	104	5	14,33528	0,6	Positive
Siltiofam	268,2	Wide	139	Wide	104	17	14,33528	0,5	Positive
Spinetoram C42	748,4	Wide	142,1	Wide	160	33	14,7971	1,5	Positive
Spinetoram C42	748,4	Wide	98,2	Wide	160	49	14,7971	1,5	Positive
Spinetoram C43	760,4	Wide	142,1	Wide	136	33	15,48038	1,5	Positive
Spinetoram C43	760,4	Wide	98,1	Wide	136	57	15,48038	1,5	Positive
Spinosyn A	732,5	Wide	142,1	Wide	140	35	13,51705	1,5	Positive
Spinosyn A	732,5	Wide	98	Wide	140	55	13,51705	1,5	Positive
Spinosyn D	746,5	Wide	142,1	Wide	120	15	14,29345	1,5	Positive
Spinosyn D	746,5	Wide	98	Wide	120	55	14,29345	1,5	Positive
Spirodiklofen	411,1	Wide	313	Wide	90	5	19,18918	0,7	Positive
Spirodiklofen	411,1	Wide	71,1	Wide	90	13	19,18918	0,7	Positive
Spiroksamina	298,3	Wide	144,1	Wide	120	18	11,3084	0,8	Positive
Spiroksamina	298,3	Wide	100,1	Wide	120	34	11,3084	0,8	Positive
Spirotetramat	374,2	Wide	302,2	Wide	116	12	12,43695	0,5	Positive
Spirotetramat	374,2	Wide	216,1	Wide	116	36	12,43695	0,6	Positive
Spirotetramat BYI08330-enol	302,1	Wide	270,2	Wide	120	20	8,666217	1	Positive
Spirotetramat BYI08330-enol	302,1	Wide	216,2	Wide	120	28	8,666217	1	Positive
Spirotetramat BYI08330-enol-glukozyd	302,1	Wide	270,2	Wide	160	20	1,467	1,2	Positive
Spirotetramat BYI08330-enol-glukozyd	302,1	Wide	216,1	Wide	160	28	1,467	1,2	Positive
Spirotetramat BYI08330-ketohydroksy	318,2	Wide	300,2	Wide	92	10	9,55315	0,7	Positive

Spirotetramat BYI08330-ketohydroksy	318,2	Wide	214,1	Wide	92	26	9,55315	0,7	Positive
Spirotetramat BYI08330-monohydroksy	304,2	Wide	254,2	Wide	116	16	7,67085	0,7	Positive
Spirotetramat BYI08330-monohydroksy	304,2	Wide	211,2	Wide	116	16	7,67085	0,7	Positive
Sulfoksaflor	278,1	Wide	174	Wide	64	4	7,00275	1,5	Positive
Sulfoksaflor	278,1	Wide	154	Wide	64	32	7,00275	1,5	Positive
Sulfometuron metylowy	365,1	Wide	150	Wide	112	16	9,256267	0,7	Positive
Sulfometuron metylowy	365,1	Wide	107,1	Wide	112	50	9,256267	0,7	Positive
Sulfosulfuron	471,1	Wide	261	Wide	112	12	9,80315	0,5	Positive
Sulfosulfuron	471,1	Wide	211	Wide	112	12	9,80315	0,7	Positive
Tebufenozyd	353,2	Wide	297,2	Wide	84	0	14,4954	0,6	Positive
Tebufenozyd	353,2	Wide	133,1	Wide	84	16	14,4954	0,6	Positive
Tebufenpyrad	334,2	Wide	144,9	Wide	155	26	16,51235	0,6	Positive
Tebufenpyrad	334,2	Wide	117	Wide	155	38	16,51235	0,6	Positive
Tebukonazol	308,1	Wide	125	Wide	120	40	13,27513	0,5	Positive
Tebukonazol	308,1	Wide	70,1	Wide	120	22	13,27513	0,5	Positive
Teflubenzuron	381	Widest	158	Wide	96	14	15,73852	0,6	Positive
Teflubenzuron	381	Widest	141	Wide	96	42	15,73852	0,7	Positive
Tepraloksydym	342	Wide	250,1	Wide	104	9	12,9934	0,6	Positive
Tepraloksydym	342	Wide	166,1	Wide	104	21	12,9934	0,6	Positive
Terbufos	289,1	Wide	233	Wide	41	0	17,30802	0,6	Positive
Terbufos	289,1	Wide	103,1	Wide	41	4	17,30802	0,6	Positive
Terbufos sulfon	321,1	Wide	115	Wide	55	25	13,20635	0,6	Positive
Terbufos sulfon	321,1	Wide	97	Wide	55	44	13,20635	0,6	Positive
Terbufos sulfotlenek	305,1	Wide	187	Wide	56	4	11,64377	0,6	Positive
Terbufos sulfotlenek	305,1	Wide	130,9	Wide	56	28	11,64377	0,6	Positive
Terbutylazyna	230,1	Wide	174,1	Wide	108	14	11,98918	0,6	Positive
Terbutylazyna	230,1	Wide	68,1	Wide	108	42	11,98918	0,5	Positive
Thiencarbazone methyl	391	Wide	359	Wide	120	4	5,410733	2	Positive
Thiencarbazone methyl	391	Wide	229,9	Wide	120	16	5,410733	2	Positive
Thiencarbazone methyl	391	Wide	130,1	Wide	120	16	5,410733	2	Positive
Tiabendazol	202	Wide	175	Wide	120	25	3,84575	4	Positive
Tiabendazol	202	Wide	131,1	Wide	120	37	3,84575	4	Positive
Tiachlopryd	253	Wide	186	Wide	90	12	6,61885	0,7	Positive
Tiachlopryd	253	Wide	126	Wide	90	20	6,61885	0,7	Positive

Tiametoksam	292	Wide	211	Wide	80	9	2,173983	0,9	Positive
Tiametoksam	292	Wide	181	Wide	80	21	2,173983	0,9	Positive
Tifensulfuron metylowy	388	Wide	205	Wide	88	29	7,890467	0,8	Positive
Tifensulfuron metylowy	388	Wide	167	Wide	88	17	7,890467	0,8	Positive
Tiodikarb	355	Wide	108	Wide	84	8	9,357783	0,6	Positive
Tiodikarb	355	Wide	88	Wide	84	12	9,357783	0,6	Positive
Tiofanat metylowy	343,1	Wide	151	Wide	100	20	8,776183	0,7	Positive
Tiofanat metylowy	343,1	Wide	93	Wide	100	40	8,776183	0,7	Positive
Tiometon	247	Widest	89,1	Wide	64	9	9,826683	0,7	Positive
Tiometon	247	Widest	61,1	Wide	64	37	9,826683	0,7	Positive
Tolfenpyrad	384	Wide	197,1	Wide	120	28	16,85385	2	Positive
Tolfenpyrad	384	Wide	145	Wide	120	28	16,85385	2	Positive
Topramezon	364,1	Widest	334,1	Widest	140	12	1,51185	1,2	Positive
Topramezon	364,1	Widest	125	Widest	140	16	1,51185	1,2	Positive
Tralkoksydym	330,2	Wide	284,2	Wide	88	9	17,49182	0,9	Positive
Tralkoksydym	330,2	Wide	138,1	Wide	88	21	17,49182	0,9	Positive
Triasulfuron	402,1	Wide	167	Wide	88	13	9,489367	0,8	Positive
Triasulfuron	402,1	Wide	141,1	Wide	88	21	9,489367	0,8	Positive
Tribenuron metylowy	396,1	Wide	181	Wide	100	18	11,18922	0,7	Positive
Tribenuron metylowy	396,1	Wide	155,1	Wide	100	14	11,18922	0,7	Positive
Trichlorfon	274	Wide	221	Wide	56	12	2,689517	0,9	Positive
Trichlorfon	274	Wide	109,1	Wide	56	20	2,689517	0,9	Positive
Tricyklazol	190	Wide	163	Wide	136	26	4,839016	1,6	Positive
Tricyklazol	190	Wide	136	Wide	136	33	4,839016	1,8	Positive
Tridemorf	298,4	Wide	130,1	Wide	140	28	14,41622	2,5	Positive
Tridemorf	298,4	Wide	57,2	Wide	140	32	14,41622	2,5	Positive
Triflumuron	359,1	Wide	156	Wide	100	16	14,80338	0,8	Positive
Triflumuron	359,1	Wide	138,9	Wide	100	36	14,80338	0,8	Positive
Triflusulfuron metylowy	493,1	Widest	264,1	Wide	100	20	12,98898	0,5	Positive
Triflusulfuron metylowy	493,1	Widest	238	Wide	100	24	12,98898	0,7	Positive
Triphenyl phosphate	327,1	Wide	152	Wide	80	40	15,1253	0,7	Positive
Triphenyl phosphate	327,1	Wide	77,1	Wide	80	40	15,1253	0,7	Positive
Tritikonazol	318,1	Wide	125	Wide	115	38	12,20013	0,5	Positive
Tritikonazol	318,1	Wide	70,1	Wide	115	14	12,20013	0,6	Positive

Tritosulfuron	446,1	Wide	195	Wide	100	20	10,16812	0,8	Positive
Tritosulfuron	446,1	Wide	145	Wide	100	20	10,16812	0,8	Positive
Zoksamid	336	Wide	186,9	Wide	116	18	15,16572	0,7	Positive
Zoksamid	336	Wide	159	Wide	116	45	15,16572	0,6	Positive

Table S3. Description of analitycal method according product.

Food, agricultural products, plant material		
Product description	**Analitycal method**	**Determined substances (method and LOQ given in the Table S6)**
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	2,4,5-T, 2,4-D, 2,4-DB, 2-phenylphenol, abamectin, acephate, acetamiprid, acetochlor, acibenzolar acid, aclonifen, acrinathrin, acifluorfen, alachlor, aldrin, aldicarb, aldicarb sulfone, aldicarb sulfoxide, allethrin, ametryn, ametoctradin, amidosulfuron, aminocarb, aminopyralid, amisulbrom, anthraquinone, atrazine, azaconazole, azadirachtin, azinphos ethyl, azinphos-methyl, aziprotryne, azoxystrobin, BAC C10, BAC C12, BAC C14, BAC C8, beflubutamid, benalaxyl, bendiocarb, bentazone, benthiavalicarb isopropyl, benzovindiflupyr, benfluralin, benfuracarb, bifenazate, bifenazate diazene, bifenox, bifenthrin, biphenyl, bitertanol, bixafen, boscalid, bromacil, bromfenvinphos, bromocyclen, bromophos, bromophos-ethyl, bromopropylate, bromoxynil, bromuconazole, bupirimate, buprofezin, butachlor, butafenacil, butylate, cadusafos, captafol, captan, carbaryl, carbendazim, carbetamide, carbofuran, carbofuran 3-hydroxy, carbofuran 3-keto, carboxin, carfentrazone-ethyl, chinomethionat, chlorantraniliprole, chlorbenside, chlorbufam, chlordane. -cis, chlordane. -oxy, chlordane. -trans, chlorfenapyr, chlofenson, chlorfenvinphos, chlormephos, chloridazon, chlorobenzilate, chloropropylate, chlorothalonil, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorthal-dimethyl, chlorthion, chlorthiophos, chlorsulfuron, chromafenozide, clodinafop propargyl, clofentezine, clomazone, clopyralid, clothianidin, coumaphos, crimidine, cyanazine, cyanophenphos, cyanophos, cyantraniliprole, cyazofamid, cyhexatin, cycloate, cycloxydim, cyflufenamid, cyflumetofen, cyfluthrin, cymiazol, cymoxanil, cypermethrin, cyprazine, cyproconazole, cyprodinil, DDAC C8, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', DEET, deltamethrin, DMF, DMPF, demeton-s, demeton-S-methyl, demeton-S-methyl sulphone, demeton-S-methyl sulphoxide, desmedipham, desmetryn, dialifos, diazinon, dicamba, dichlobenil, dichlofenthion, dichlofluanid, dichloroaniline, 3,5-, dichlorobenzamide, 2,6-, dichlorobenzophenone-p,p, dichlorprop, dichlorvos, diclobutrazol, dicloran, diclofop, dicofol, dieldrin, diethofencarb, difenoconazole, diflubenzuron, diflufenican, diflufenzopyr, dimethachlor, dimethenamid, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dinitramine, dinobuton, dinoseb, dinotefuran, dioxabenzofos, dioxacarb, dioxathion, diphenylamine, disulfoton, disulfoton sulfon, disulfoton sulfoxide, dithianon, ditalimfos, dmst, dodemorph, dodine, edifenphos, emamectin B1a, emamectin B1b, endosulfan alpha, endosulfan beta, endosulfan sulphate, endrin, endrin keton, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethametsulfuron-methyl, ethiofencarb, ethion, ethirimol, ethofumesate, ethofumesate, -2-keto, ethoprophos, ethoxyquin, etofenprox, etoxazole, etrimfos, famoxadone, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenarimol, fenazaquin, fenbuconazole, fenbutatin oxide, fenchlorphos, fentin, fenfuram, fenhexamid, fenitrothion, fenobucarb, fenoprop, fenoxycarb, fenoxaprop-P, fenoxaprop-P-ethyl, fenpropathrin, fenpropidin, fenpropimorph, fenpyrazamine, fenpyroximate, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, fenthion, fenthion oxon, fenthion oxon sulphone, fenthion sulfoxide, fenthion sulphone, fenvalerate, fipronil, fipronil desulfinyl, fipronil sulfon, flazasulfuron, flonicamid, fluchloralin, flucythrinate, fludioxonil, fluazifop, fluensulfone, flufenacet, flufenoxuron, flumetralin, flumioxazin, fluorodifen, fluopicolide, fluopyram, fluoxastrobin, fluquinconazole, flurochloridone, fluroxypyr, flurprimidol, flurtamone, flusilazole, flutianil, flutolanil, flutriafol, fluxapyroxad, folpet, fonofos, formetanate, formothion, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, halofenozide, haloxyfop, heptachlor, heptachlor cis-epoxid, heptachlor trans-epoxid, heptenophos, hexachlorobenzene, hexachlorocyclohexane (HCH), alpha, hexachlorocyclohexane (HCH), beta, hexaconazole, hexaflumuron, hexythiazox, imazalil, imazamox, imazapic, imazapyr, imazethapyr, imidacloprid, indoxacarb, iodofenphos, iodosulfuron methyl, ipconazole, iprobenfos, iprodione, iprovalicarb, isocarbophos, isofenphos, isofenphos-methyl, isofetamid, isoprocarb, isoprothiolane, isoproturon, isopyrazam, isoxaben, isoxaflutole, isoxathion, kresoxim-methyl, lambda-cyhalothrin, lenacil, lindane, linuron, lufenuron, malaoxon, malathion, mandestrobin, mandipropamid, mecarbam, mepanipyrim, mepronil, metalaxyl, metaflumizone, metamitron, metazachlor, metconazole, methacrifos, methamidophos, methidathion, methiocarb, methiocarb sulphone, methiocarb sulphoxide, methomyl, methoprotryne, methoxyfenozide, methoxychlor, metobromuron, metolachlor, metolachlor-s, metosulam, metoxuron, metrafenone, metribuzin, metsulfuron-methyl, mevinphos, molinate, monocrotophos, monuron, myclobutanil, napropamide, nicosulfuron, nicotine, nitenpyram, nitralin, nitrapyrin, nitrofen, nitrothal isopropyl, novaluron, nuarimol, omethoate, oxadiazon, oxadixyl, oxamyl, oxycarboxin, oxyfluorfen, paclobutrazol, paraoxon-methyl, parathion, parathion-methyl, pencycuron, pendimethalin, penconazole, penflufen, pentachloroaniline, penthiopyrad, perthane (ethylan), permethrin, pethoxamid, phenmedipham, phenthoate, phorate, phorate sulfone, phorate sulfoxide, phosalone, phosmet, phosmet oxon, phosphamidon, phoxim, phthalimide, picolinafen, picloram, picoxystrobin, pinoxaden, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-ethyl, pirimiphos-methyl, prochloraz, prochloraz BTS 44595, prochloraz BTS 44596, procymidone, profluralin, profenofos, prometon, prometryn, propachlor, propamocarb, propaquizafop, propargite, propazine, propetamphos, propham, propiconazole, propoxur, propoxycarbazone, propyzamide, proquinazid, prosulfocarb, prosulfuron, prothioconazole destio, prothiofos, pymetrozine, pyraclostrobin, pyrazophos, pyrethrins, pyridaben, pyridafol, pyridalyl, pyridaphenthion, pyrifenox, pyrimethanil, pyriofenone, pyriproxyfen, pyroquilon, pyroxsulam, quinalphos, quinclorac, quinoclamine, quinmerac, quinoxyfen, quintozene, quizalofop, quizalofop-ethyl, resmethrin, rimsulfuron, rotenone, saflufenacil, silafluofen, silthiofam, simazine, spiromesifen, spinetoram C42, spinetoram C43, spinosyn A, spinosyn D, spirodiclofen, spirotetramat, spirotetramat enol, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfometuron methyl, sulfosulfuron, sulfoxaflor, sulfotep, tau-fluvalinate, tebuconazole, tebufenozide, tebufenpyrad, tecnazene, teflubenzuron, tefluthrin, tepraloxydim, terbacil, terbufos, terbufos oxon, terbufos sulphone, terbufos sulphoxide, terbuthylazine, terbutryn, tetrachlorvinphos, tetraconazole, tetradifon, tetrahydrophthalimide, tetramethrin, tetrasul, TFNA, TFNA-AM, TFNG,thiabendazole, thiacloprid, thiamethoxam, thiencarbazone-methyl, thifensulfuron-methyl, thiodicarb, thiobencarb, thiometon, thiophanate-methyl, tolclofos-methyl, tolylfluanid, tolfenpyrad, topramezone, tralkoxydim, tri-allate, triadimefon, triadimenol, triazophos, tribenuron methyl, trichlorfon, tricyclazole, tridemorph, trifloxystrobin, triflumizole, trifluralin, triflumuron, triflusulfuron methyl, triasulfuron, triticonazole, tritosulfuron, triclopyr, trinexapac, vinclozolin, zoxamide
	PN-EN 12396-2:2002	dithiocarbamates expressed as cs_2
	PB-04 ed.1 of 10.01.2022	ethylene oxide (2-chloroethanol expressed as ethylene oxide)
	EURL-SRM QuPPe - PO	AMPA (not acreditated), bromide ion, chlorates, chlormequat chloride, cyromazine, ethephon, ETU, glufosinate together with matabolites (MPP, N-acetyl-glufosinate), glyphosate, maleic hydrazide, matrine, melamine, mepiquat chloride, oxymatrine, perchlorates, phosetyl, phosphonic acid, PTU (not acreditated), trimethylsulfonyl cation)

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	2,4,5-T, 2,4-D, 2,4-DB, abamectin, acephate, acetamiprid, acetochlor, acibenzolar acid, acifluorfen, aclonifen, acrinathrin, alachlor, aldicarb, aldicarb sulfone, aldicarb sulfoxide, aldrin, ametoctradin, ametryn, amidosulfuron, aminocarb, amisulbrom, anthraquinone, atrazine, azaconazole, azadirachtin, azinphos ethyl, azinphos-methyl, aziprotryne, azoxystrobin, BAC C10, BAC C8, beflubutamid, benalaxyl, bendiocarb, benfluralin, bentazone, benthiavalicarb isopropyl, benzovindiflupyr, bifenazate, bifenazate diazene, bifenox, bifenthrin, bitertanol, bixafen, boscalid, bromacil, bromfenvinphos, bromocyclen, bromoxynil, bromophos, bromophos-ethyl, bromopropylate, bromuconazole, bupirimate, buprofezin, butachlor, butafenacil, butylate, cadusafos, captan, carbaryl, carboxin, carbendazim, carbetamide, carbofuran, carbofuran 3-hydroxy, carbofuran 3-keto, carfentrazone-ethyl, chinomethionat, chlorantraniliprole, chlorbenside, chlorbufam, chlordane. -cis, chlordane. -oxy, chlordane. -trans, chlorfenapyr, chlorfenson, chlorfenvinphos, chloridazon, chlormephos, chlorobenzilate, chlorothalonil, chlorotoluron, chloropropylate, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorsulfuron, chlorthal-dimethyl, chlorthion, chlorthiophos, chromafenozide, clodinafop propargyl, clofentezine, clomazone, clothianidin, coumaphos, crimidine, cyantraniliprole, cyanophenphos, cyanophos, cyazofamid, cycloate, cycloxydim, cyflufenamid, cyflumetofen, cyfluthrin, cyhexatin, cymiazol, cymoxanil, cypermethrin, cyprazine, cyproconazole, cyprodinil, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', DEET, deltamethrin, demeton-s, demeton-S-methyl, demeton-S-methyl sulphone, demeton-S-methyl sulphoxide, desmedipham, desmetryn, diazinon, dicamba, dichlobenil, dichlofenthion, dichlofluanid, dichloroaniline, 3,5-, dichlorobenzamide, 2,6-, dichlorobenzophenone-p,p, dichlorprop, dichlorvos, diclobutrazol, diclofop, dicloran, dicofol, dicrotophos, dieldrin, diethofencarb, difenoconazole, diflubenzuron, diflufenican, diflufenzopyr, dimethachlor, dimethenamid, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dinitramine, dinobuton, dinotefuran, dioxabenzofos, dioxacarb, diphenylamine, disulfoton, disulfoton sulfon, disulfoton sulfoxide, ditalimfos, dithianon, diuron, DMF, DMPF, dodemorph, dodine, edifenphos, emamectin B1a, emamectin B1b, endosulfan alpha, endosulfan beta, endosulfan sulphate, endrin, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethametsulfuron-methyl, ethiofencarb, ethion, ethirimol, ethofumesate, ethofumesate, -2-keto, ethoprophos, etofenprox, etoxazole, etrimfos, famoxadone, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenarimol, fenazaquin, fenbuconazole, fenchlorphos, fenbutatin oxide, fenfuram, fenhexamid, fenitrothion, fenobucarb, fenoxycarb, fenoxaprop-P, fenoxaprop-P-ethyl, fenoprop, fenpropathrin, fenpropidin, fenpropimorph, fenpyrazamine, fenpyroximate, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, fentin, fenthion, fenthion oxon, fenthion oxon sulphone, fenthion sulfoxide, fenthion sulphone, fenvalerate, fipronil, fipronil desulfinyl, fipronil sulfon, flonicamid, florasulam, fluazifop, fluchloralin, flucythrinate, fludioxonil, fluensulfone, flufenacet, flufenoxuron, flumetralin, flumioxazin, fluopicolide, fluorodifen, fluopyram, fluotrimazole, fluoxastrobin, flupyradifurone, fluquinconazole, flurochloridone, fluroxypyr, flurprimidol, flurtamone, flusilazole, flutianil, flutriafol, flutolanil, fluxapyroxad, folpet, fonofos, foramsulfuron, formetanate, formothion, fosthiazate, fuberidazole, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, halofenozide, haloxyfop, heptachlor, heptachlor cis-epoxid, heptenophos, hexachlorobenzene, hexachlorocyclohexane (HCH), alpha, hexachlorocyclohexane (HCH), beta, hexaconazole, hexaflumuron, hexythiazox, imazalil, imazamox, imazapic, imazethapyr, imidacloprid, indoxacarb, iodofenphos, iodosulfuron methyl, ioxynil, ipconazole, iprobenfos, iprodione, iprovalicarb, isocarbophos, isofenphos, isofenphos-methyl, isofetamid, isoprocarb, isoprothiolane, isoproturon, isopyrazam, isoxaben, isoxaflutole, isoxathion, kresoxim-methyl, lambda-cyhalothrin, lenacil, lindane, linuron, lufenuron, malaoxon, malathion, mandestrobin, mandipropamid, MCPA, MCPB, mecarbam, mecoprop, mepanipyrim, mepronil, metaflumizone, metalaxyl, metamitron, metazachlor, metconazole, methacrifos, methamidophos, methidathion, methiocarb, methiocarb sulphone, methiocarb sulphoxide, methomyl, methoprotryne, methoxychlor, methoxyfenozide, metobromuron, metolachlor, metolachlor-s, metosulam, metoxuron, metrafenone, metribuzin, metsulfuron-methyl, mevinphos, molinate, monocrotophos, monuron, myclobutanil, napropamide, nicosulfuron, nitenpyram, nitralin, nitrapyrin, nitrofen, nitrothal isopropyl, nuarimol, omethoate, oxadiazon, oxadixyl, oxamyl, oxycarboxin, oxyfluorfen, paclobutrazol, paraoxon-methyl, parathion, parathion-methyl, penconazole, pencycuron, pendimethalin, penflufen, pentachloroaniline, penthiopyrad, permethrin, perthane (ethylan), pethoxamid, phenmedipham, phenthoate, phorate, phorate sulfone, phorate sulfoxide, phosalone, phosmet, phosmet oxon, phoxim, phthalimide, picolinafen, picoxystrobin, pinoxaden, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-ethyl, pirimiphos-methyl, procymidone, prochloraz, prochloraz BTS 44595, prochloraz BTS 44596, profenofos, profluralin, prometon, prometryn, propachlor, propamocarb, propaquizafop, propargite, propazine, propetamphos, propham, propiconazole, propoxur, propoxycarbazone, propyzamide, proquinazid, prosulfocarb, prosulfuron, prothioconazole destio, prothiofos, pymetrozine, pyraclostrobin, pyrazophos, pyrethrins, pyridaben, pyridafol, pyridalyl, pyrifenox, pyrimethanil, pyriofenone, pyriproxyfen, pyroquilon, pyroxsulam, quinalphos, quinoclamine, quinoxyfen, quintozene, quizalofop, quizalofop-ethyl, quinmerac, resmethrin, rimsulfuron, rotenone, saflufenacil, silafluofen, silthiofam, simazine, spinetoram C42, spinetoram C43, spinosyn A, spinosyn D, spirodiclofen, spiromesifen, spirotetramat, spirotetramat enol, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfometuron methyl, sulfosulfuron, sulfotep, sulfoxaflor, tau-fluvalinate, tebuconazole, tebufenozide, tebufenpyrad, tecnazene, teflubenzuron, tefluthrin, tepraloxydim, terbacil, terbufos, terbufos oxon, terbufos sulphone, terbufos sulphoxide, terbuthylazine, terbutryn, tetrachlorvinphos, tetraconazole, tetradifon, tetrahydrophthalimide, tetramethrin, tetrasul, TFNA, TFNA-AM, TFNG, thiabendazole, thiacloprid, thiamethoxam, thiencarbazone-methyl, thifensulfuron-methyl, thiobencarb, thiometon, thiophanate-methyl, tolclofos-methyl, tolfenpyrad, tolylfluanid, topramezone, triadimefon, triadimenol, tri-allate, triasulfuron, triazophos, tribenuron methyl, trichlorfon, triclopyr, tricyclazole, tridemorph, trifloxystrobin, triflumizole, triflumuron, trifluralin, triflusulfuron methyl, triticonazole, tritosulfuron, vinclozolin, zoxamide
	PN-EN 12396-2:2002	dithiocarbamates expressed as CS_2 (Table S6)
	PB-04 ed.1 of.10.01.2022	ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table S6)
	EURL-SRM QuPPe - PO	AMPA (not accreditated), bromide ion, chlorates, chlormequat chloride, cyromazine, ethephon, glufosinate together with matabolites (MPP, N-acetyl-glufosinate), glyphosate, maleic hydrazide, matrine, melamine, mepiquat chloride, oxymatrine, perchlorates, phosetyl, phosphonic acid, trimethylsulfonyl cation)

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	2-phenylphenol, abamectin, acephate, acetamiprid, acetochlor, aclonifen, acrinathrin, alachlor, aldicarb, aldicarb sulfone, aldicarb sulfoxide, aldrin, allethrin, ametoctradin, ametryn, amidosulfuron, aminocarb, amisulbrom, anthraquinone, atrazine, azaconazole, azadirachtin, azinphos ethyl, azinphos-methyl, aziprotryne, azoxystrobin, beflubutamid, benalaxyl, bendiocarb, benfluralin, benfuracarb, benthiavalicarb isopropyl, benzovindiflupyr, bifenazate, bifenazate diazene, bifenox, bifenthrin, biphenyl, bitertanol, bixafen, boscalid, bromacil, bromfenvinphos, bromocyclen, bromuconazole, bromophos, bromophos-ethyl, bromopropylate, bupirimate, buprofezin, butachlor, butafenacil, butylate, cadusafos, captan, carbaryl, carbendazim, carbetamide, carboxin, carbofuran, carbofuran 3-hydroxy, carbofuran 3-keto, carfentrazone-ethyl, chinomethionat, chlorantraniliprole, chlorbenside, chlorbufam, chlordane. -cis, chlordane. -oxy, chlordane. -trans, chlorfenapyr, chlorfenson, chlorfenvinphos, chloridazon, chlormephos, chlorobenzilate, chlorothalonil, chlorotoluron, chloropropylate, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorsulfuron, chlorthal-dimethyl, chlorthion, chlorthiophos, chromafenozide, clodinafop propargyl, clofentezine, clomazone, clothianidin, coumaphos, crimidine, cyanazine, cyantraniliprole, cyanophenphos, cyanophos, cyazofamid, cycloate, cycloxydim, cyflufenamid, cyflumetofen, cyfluthrin, cyhexatin, cymiazol, cymoxanil, cypermethrin, cyprazine, cyproconazole, cyprodinil, DDD-o,p', DDD-p,p', DDE-o,p', DDE -p,p', DDM, DDT-o,p', DDT -p,p', deet, deltamethrin, demeton-s, demeton-S-methyl, demeton-S-methyl sulphone, demeton-S-methyl sulphoxide, desmedipham, desmetryn, dialifos, diazinon, dichlobenil, dichlofenthion, dichlofluanid, dichloroaniline, 3,5-, dichlorobenzamide, 2,6-, dichlorobenzophenone-p,p, dichlorvos, diclobutrazol, dicloran, dicofol, dicrotophos, dieldrin, diethofencarb, difenoconazole, diflubenzuron, diflufenican, dimethachlor, dimethenamid, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dinitramine, dinobuton, dinoseb, dinotefuran, dioxabenzofos, dioxacarb, dioxathion, diphenylamine, disulfoton, disulfoton sulfon, disulfoton sulfoxide, ditalimfos, dithianon, diuron, DMF, DMPF, dmst, dodemorph, dodine, edifenphos, emamectin B1A, emamectin B1b, endosulfan alpha, endosulfan beta, endosulfan sulphate, endrin, endrin keton, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethametsulfuron-methyl, ethiofencarb, ethion, ethirimol, ethofumesate, ethofumesate, -2-keto, ethoprophos, ethoxyquin, etofenprox, etoxazole, etrimfos, famoxadone, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenarimol, fenazaquin, fenbuconazole, fenchlorphos, fenbutatin oxide, fenfuram, fenhexamid, fenitrothion, fenobucarb, fenoxycarb, fenoxaprop-P-ethyl, fenpropathrin, fenpropidin, fenpropimorph, fenpyrazamine, fenpyroximate, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, fentin, fenthion, fenthion oxon, fenthion oxon sulphone, fenthion sulfoxide, fenthion sulphone, fenvalerate, fipronil, fipronil desulfinyl, fipronil sulfon, flazasulfuron, flonicamid, florasulam, fluchloralin, flucythrinate, fludioxonil, fluensulfone, flufenacet, flufenoxuron, flumetralin, flumioxazin, fluopicolide, fluorodifen, fluopyram, fluotrimazole, fluoxastrobin, flupyradifurone, fluquinconazole, flurochloridone, flurprimidol, flurtamone, flusilazole, flutianil, flutriafol, flutolanil, fluxapyroxad, folpet, fonofos, foramsulfuron, formetanate, formothion, fosthiazate, fuberidazole, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, halofenozide, heptachlor, heptachlor cis-epoxid, heptachlor trans-epoxid, heptenophos, hexachlorobenzene, hexachlorocyclohexane (HCH), alpha, hexachlorocyclohexane (HCH), beta, hexaconazole, hexaflumuron, hexythiazox, imazalil, imazapic, imidacloprid, indoxacarb, iodofenphos, iodosulfuron methyl, ipconazole, iprobenfos, iprodione, iprovalicarb, isocarbophos, isofenphos, isofenphos-methyl, isofetamid, isoprocarb, isoprothiolane, isoproturon, isopyrazam, isoxaben, isoxaflutole, isoxathion, kresoxim-methyl, lambda-cyhalothrin, lenacil, lindane, linuron, lufenuron, malaoxon, malathion, mandestrobin, mandipropamid, mecarbam, mepanipyrim, mepronil, metaflumizone, metalaxyl, metamitron, metazachlor, metconazole, methacrifos, methamidophos, methidathion, methiocarb, methiocarb sulphone, methiocarb sulphoxide, methomyl, methoprotryne, methoxychlor, methoxyfenozide, metobromuron, metolachlor, metolachlor-s, metoxuron, metrafenone, metribuzin, metsulfuron-methyl, mevinphos, molinate, monocrotophos, monuron, myclobutanil, napropamide, nicosulfuron, nitenpyram, nitralin, nitrapyrin, nitrofen, nitrothal isopropyl, novaluron, nuarimol, omethoate, oxadiazon, oxadixyl, oxamyl, oxycarboxin, oxyfluorfen, paclobutrazol, paraoxon-methyl, parathion, parathion-methyl, penconazole, pencycuron, pendimethalin, penflufen, pentachloroaniline, penthiopyrad, permethrin, perthane (ethylan), pethoxamid, phenmedipham, phenthoate, phorate, phorate sulfone, phorate sulfoxide, phosalone, phosmet, phosmet oxon, phosphamidon, phoxim, phthalimide, picolinafen, picoxystrobin, pinoxaden, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-ethyl, pirimiphos-methyl, procymidone, prochloraz, prochloraz BTS 44595, prochloraz BTS 44596, profenofos, profluralin, prometon, prometryn, propachlor, propamocarb, propaquizafop, propargite, propazine, propetamphos, propham, propiconazole, propoxur, propoxycarbazone, propyzamide, proquinazid, prosulfocarb, prosulfuron, prothioconazole destio, prothiofos, pymetrozine, pyraclostrobin, pyrazophos, pyrethrins, pyridaben, pyridalyl, pyridaphenthion, pyrifenox, pyrimethanil, pyriofenone, pyriproxyfen, pyroquilon, pyroxsulam, quinalphos, quinoclamine, quinoxyfen, quintozene, quizalofop-ethyl, resmethrin, rotenone, saflufenacil, silafluofen, silthiofam, simazine, spinetoram C42, spinetoram C43, spinosyn a, spinosyn d, spirodiclofen, spiromesifen, spirotetramat, spirotetramat enol, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfometuron methyl, sulfosulfuron, sulfotep, sulfoxaflor, tau-fluvalinate, tebuconazole, tebufenozide, tebufenpyrad, tecnazene, teflubenzuron, tefluthrin, tepraloxydim, terbacil, terbufos, terbufos oxon, terbufos sulphone, terbufos sulphoxide, terbuthylazine, terbutryn, tetrachlorvinphos, tetraconazole, tetradifon, tetrahydrophthalimide, tetramethrin, tetrasul, TFNA, TFNA-AM, TFNG, thiabendazole, thiacloprid, thiamethoxam, thiencarbazone-methyl, thifensulfuron-methyl, thiobencarb, thiodicarb, thiometon, thiophanate-methyl, tolclofos-methyl, tolfenpyrad, tolylfluanid, topramezone, triadimefon, triadimenol, tri-allate, tralkoxydim, triazophos, trichlorfon, tricyclazole, tridemorph, trifloxystrobin, triflumizole, triflumuron, triflusulfuron methyl, trifluralin, triticonazole, tritosulfuron, vinclozolin, zoxamide
	PN-EN 12396-2:2002	dithiocarbamates expressed as cs_2 (Table S6)
	PB-04 ed.1 of 10.01.2022	ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table S6)
	EURL-SRM QuPPe - PO	glyphosate, trimethylsulfonyl cation, glufosinate together with matabolites (MPP, N-acetyl-glufosinate), ethephon, maleic hydrazide, chlorates, perchlorates, phosetyl, phosphonic acid, bromide ion, chlormequat chloride, mepiquat chloride, cyromazine, matrine, oxymatrine, melamine, AMPA (not acreditated) (Table S6)
	PN-EN 15662:2018	ETU (not acreditated), PTU (not acreditated) (Table S6)

specific or unique products (SANTE group 6) e.g.: - hops - cocoa beans and related products - coffee - tea - spices - dried herbs	PN-EN 15662:2018	2,4-D, 2,4-DB, 2,4,5-T, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', DDAC C8, BAC C10, BAC C8, abamectin, acephate, acetamiprid, acetochlor, aclonifen, acrinathrin, aldrin, aldicarb, aldicarb sulfone, aldicarb sulfoxide, allethrin, amemetocradin, amidosulfuron, amisulbrom, aminocarb, ametryn, anthraquinone, azadirachtin, azaconazole, azinphos ethyl, azinphos-methyl, aziprotryne, azoxystrobin, bendiocarb, benalaxyl, benfluralin, benfuracarb, beflubutamid, bifenazate, bifenazate diazene, bifenox, bifenthrin, biphenyl, bitertanol, bixafen, boscalid, bromacil, bromocyclen, bromfenvinphos, bromophos, bromophos-ethyl, bromopropylate, bromuconazole, bupirimate, buprofezin, butachlor, butafenacil, butylate, cadusafos, carbaryl, carbendazim, carbetamide, carbofuran, carbofuran 3-hydroxy, carbofuran 3-keto, carfentrazone-ethyl, captan, captafol, chlorantraniliprole, chlorbenside, chlorbufam, chlordane-cis, chlordane-trans, chlorfenapyr, chlofenson, chlorfenvinphos, chlormephos, chlorobenzilate, chloropropylate, chlorothalonil, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorthal-dimethyl, chlorthion, chlorthiophos, clodinafop propargyl, clomazone, clofentezine, clothianidin, coumaphos, crimidine, cyanophenphos, cyanophos, cyantraniliprole, cycloate, cyhexatin, cyfluthrin, cyflufenamid, cyflumetofen, cypermethrin, cyprazine, cyproconazole, cyprodinil, deet, deltamethrin, demeton-s, demeton-S-methyl, demeton-S-methyl sulphone, demeton-S-methyl sulphoxide, desmetryn, dialifos, diazinon, dicamba, dichlobenil, dichlofenthion, dichlofluanid, dichlorobenzamide 2,6-, dichlorobenzophenone-p,p, dichlorprop, dichlorvos, diclobutrazol, dicloran, diclofop, dicofol, dieldrin, diethofencarb, difenoconazole, diflufenzopyr, dimethachlor, dimethenamid, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dinitramine, dinobuton, dinoseb, dioxabenzofos, dioxacarb, dioxathion, diphenylamine, disulfoton, disulfoton sulfon, disulfoton sulfoxide, ditalimfos, dodine, dmst, DMF, DMPF, edifenphos, emamectin B1a, emamectin B1b, endosulfan alpha, endosulfan beta, endosulfan sulphate, endrin, endrin keton, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethion, ethofumesate, ethofumesate-2-keto, ethoprophos, ethoxyquin, etofenprox, etrimfos, famoxadone, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenarimol, fenazaquin, fenbuconazole, fenchlorphos, fenbutatin oxide, fenfuram, fenhexamid, fenitrothion, fenobucarb, fenoxaprop-P-ethyl, fenpropathrin, fenpropidin, fenpropimorph, fenpyrazamine, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, fenthion, fenthion oxon, fenthion oxon sulphone, fenthion sulfoxide, fenthion sulphone, fipronil, fipronil desulfinyl, fipronil sulfon, fluchloralin, flonicamid, florasulam, flufenacet, flufenoxuron, fluopicolide, fluopyram, fluoxastrobin, flupyradifurone, fluquinconazole, flurochloridone, flurtamone, flutianil, flutolanil, flutriafol, fluxapyroxad, folpet, foramsulfuron, formetanate, formothion, fosthiazate, fuberidazole, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, heptachlor, heptachlor cis-epoxid, heptachlor trans-epoxid, heptenophos, hexachlorobenzene, hexachlorocyclohexane (HCH) alpha, hexachlorocyclohexane (HCH) beta, hexaconazole, imazalil, imazamox, imazapyr, imazethapyr, imidacloprid, indoxacarb, iodofenphos, ipconazole, iprobenfos, iprovalicarb, iprodione, isocarbophos, isofenphos, isofenphos-methyl, isofetamid, isoprocarb, isoprothiolane, isoproturon, isopyrazam, isoxaben, isoxaflutole, isoxathion, kresoxim-methyl, lambda-cyhalothrin, lindane, malathion, mandestrobin, mecarbam, mepanipyrim, mepronil, metalaxyl, metaconazole, metamitron, metazachlor, methacrifos, methidathion, methiamyl, methiocarb, methiocarb sulphone, methiocarb sulphoxide, methomyl, methoprotryne, methoxychlor, metobromuron, metolachlor, metolachlor-s, metosulam, metoxuron, metrafenone, metribuzin, metsulfuron-methyl, mevinphos, molinate, monocrotophos, monuron, myclobutanil, napropamide, nitralin, nitrapyrin, nitrofen, nitrothal isopropyl, nuarimol, omethoate, oxadiazon, oxadixyl, oxamyl, oxycarboxin, paclobutrazol, paraoxon-methyl, parathion, parathion-methyl, penconazole, pencycuron, pendimethalin, penflufen, pentachloroaniline, permethrin, perthane (ethylan), pethoxamid, phenmedipham, phenthoate, phorate, phorate sulfone, phorate sulfoxide, phosalone, phosetyl, phosmet, phosmet oxon, phosphamidon, phthalimide, picolinafen, picoxystrobin, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-ethyl, pirimiphos-methyl, procymidone, profenofos, profluralin, prometryn, prometon, propachlor, propargite, propazine, propetamphos, propham, propiconazole, propyzamide, prothioconazole destio, prothiofos, pyraclostrobin, pyrazophos, pyrethrins, pyridaben, pyridalyl, pyridaphenthion, pyrifenox, pyrimethanil, pyriofenone, pyriproxyfen, pyroquilon, pyroxsulam, quinalphos, quinoxyfen, quintozene, resmethrin, silafluofen, simazine, spiromesifen, spinetoram C42, spinetoram C43, spinosyn a, spinosyn d, spirodiclofen, spirotetramat, spirotetramat enol, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfotep, sulfosulfuron, sulfoxaflor, tau-fluvalinate, tebuconazole, tebufenozide, tebufenpyrad, tecnazene, tefluthrin, terbacil, terbufos, terbufos oxon, terbufos sulphone, terbufos sulphoxide, terbuthylazine, thiabendazole, thiacloprid, thiamethoxam, thiencarbazone-methyl, thifensulfuron-methyl, thiodicarb, thiometon, thiophanate-methyl, tolclofos-methyl, tolylfluanid, tri-allate, triadimefon, triadimenol, triazophos, trifloxystrobin, triflumizole, trifluralin, triticonazole, tritosulfuron, vinclozolin, zoxamide, TFNA, TFNA-AM, TFNG
	PN-EN 12396-2:2002	dithiocarbamates expressed as cs_2 (Table S6)
	PB-04 ed.1 of 10.01.2022	ethylene oxide (2-chloroethanol expressed as ethylene oxide) (Table S6)
	EURL-SRM QuPPe - PO	MPA (not acreditated), chlorates, chlormequat chloride, cyromazine, ethephon, glyphosate, glufosinate together with matabolites (MPP, N-acetyl-glufosinate), maleic hydrazide, malamine, matrine, mepiquat chloride, oxymatrine, perchlorates, phosetyl, phosphonic acid, trimethylsulfonyl cation (Table S6)

Table S4. Pesticide according to analytical methiod.

Multiresidue (499 substances)	2-Phenylphenol, Abamectin, Acephate, Acetamiprid, Acetochlor, Aclonifen, Acrinathrin, Alachlor, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Aldrin, Allethrin, Ametoctradin, Ametryn, Amidosulfuron, Aminocarb, Amisulbrom, Anthraquinone, Atrazine, Azaconazole, Azadirachtin, Azinphos ethyl, Azinphos-methyl, Aziprotryne, Azoxystrobin, Beflubutamid, Benalaxyl, Bendiocarb, Benfluralin, Benfuracarb, Benthiavalicarb isopropyl, Benzovindiflupyr, Bifenazate, Bifenazate diazene, Bifenox, Bifenthrin, Biphenyl, Bitertanol, Bixafen, Boscalid, Bromacil, Bromfenvinphos, Bromocyclen, Bromophos, Bromophos-ethyl, Bromopropylate, Bromuconazole, BTS 44595, BTS 44596, Bupirimate, Buprofezin, Butachlor, Butafenacil, Butylate, Cadusafos, Captafol, Captan, Carbaryl, Carbendazim, Carbetamide, Carbofuran, Carbofuran 3-hydroxy, Carbofuran 3-keto, Carboxin, Carfentrazone-ethyl, Chinomethionat, Chlorantraniliprole, Chlorbenside, Chlorbufam, Chlordane,-cis, Chlordane,-oxy, Chlordane,-trans, Chlorfenapyr, Chlorfenson, Chlorfenvinphos, Chloridazon, Chlormephos, Chlorobenzilate, Chloropropylate, Chlorothalonil, Chlorotoluron, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorsulfuron, Chlorthal-dimethyl, Chlorthiophos, Chlothion, Chromafenozide, Clodinafop propargyl, Clofentezine, Clomazone, Clothianidin, Coumaphos, Crimidine, Cyanazine, cyanophenphos, cyanophos, Cyantraniliprole, Cyazofamid, Cycloate, Cycloxydim, Cyflufenamid, Cyflumetofen, Cyfluthrin, Cymiazol, Cymoxanil, Cypermethrin, Cyprazine, Cyproconazole, Cyprodinil, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', DEET, Deltamethrin, Demeton-S, Demeton-S-methyl, Demeton-S-methyl sulphone, Demeton-S-methyl sulphoxide, Desmedipham, Desmetryn, Dialifos, Diazinon, Dichlobenil, Dichlofenthion, Dichlofluanid, Dichloroaniline 3,5-, Dichlorobenzamide 2,6-, Dichlorobenzophenone-p,p, Dichlorvos, Diclobutrazol, Dicloran, Dicofol, Dicrotophos, Dieldrin, Diethofencarb, Difenoconazole, Diflubenzuron, Diflufenican, Dimethachlor, Dimethenamid, Dimethoate, Dimethomorph, Dimoxystrobin, Diniconazole, Dinitramine, Dinobuton, Dinoseb, Dinotefuran, Dioxabenzofos, Dioxacarb, Dioxathion, Diphenylamine, Disulfoton, Disulfoton sulfon, Disulfoton sulfoxide, Ditalimfos, Diuron, DMF, DMPF, DMST, Dodemorph, Edifenphos, Emamectin B1a, Emamectin B1b, Endosulfan alpha, Endosulfan beta, Endosulfan sulphate, Endrin, Endrin keton, EPN, Epoxiconazole, Esfenvalerate, Etaconazole, Ethalfluralin, Ethametsulfuron-methyl, Ethiofencarb, Ethion, Ethirimol, Ethofumesate, Ethofumesate -2-keto, Ethoprophos, Ethoxyquin, Ethylan, Etofenprox, Etoxazole, Etrimfos, Famoxadone, Fenamidone, Fenamiphos, Fenamiphos sulfoxide, Fenamiphos sulphone, Fenarimol, Fenazaquin, Fenbuconazole, Fenchlorphos, Fenfuram, Fenhexamid, Fenitrothion, Fenobucarb, Fenoxaprop-P-ethyl, Fenoxycarb, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyrazamine, Fenpyroximate, Fensulfothion, Fensulfothion oxon, Fensulfothion oxon sulphone,

	Fensulfothion sulphone, Fenthion, Fenthion oxon, Fenthion oxon sulphone, Fenthion sulfoxide, Fenthion sulphone, Fenvalerate, Fipronil, Fipronil desulfinyl, Fipronil sulfon, Flazasulfuron, Flonicamid, Florasulam, Fluchloralin, Flucythrinate, Fludioxonil, Fluensulfone, Flufenacet, Flufenoxuron, Flumetralin, Flumioxazin, Fluopicolide, Fluopyram, Fluorodifen, Fluotrimazole, Fluoxastrobin, Flupyradifurone, Fluquinconazole, Flurochloridone, Flurprimidol, Flurtamone, Flusilazole, Flutianil, Flutolanil, Flutriafol, Fluxapyroxad, Folpet, Fonofos, Foramsulfuron, Formetanate, Formothion, Fosthiazate, Fuberidazole, Furalaxyl, Furathiocarb, Gamma-cyhalothrin, Halfenprox, Halofenozide, Heptachlor, Heptachlor cis-epoxid isomer B, Heptachlor trans-epoxid isomer A, Heptenophos, Hexachlorobenzene, Hexachlorocyclohexane HCH alpha, Hexachlorocyclohexane HCH beta, Hexaconazole, Hexaflumuron, Hexythiazox, Imazalil, Imazapic, Imidacloprid, Indoxacarb, Iodofenphos, Iodosulfuron methyl, Ipconazole, Iprobenfos, Iprodione, Iprovalicarb, Isocarbophos, Isofenphos, Isofenphos-methyl, Isofetamid, Isoprocarb, Isoprothiolane, Isoproturon, Isopyrazam, Isoxaben, Isoxaflutole, Isoxathion, Kresoxim-methyl, lambda-Cyhalothrin, Lenacil, Lindane, Linuron, Lufenuron, Malaoxon, Malathion, Mandestrobin, Mandipropamid, Mecarbam, Mepanipyrim, Mepronil, Metaflumizone, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methacrifos, Methamidophos, Methidathion, Methiocarb, Methiocarb sulphone, Methiocarb sulphoxide, Methomyl, Methoprotryne, Methoxychlor, Methoxyfenozide, Metobromuron, Metolachlor, Metolachlor-S, Metosulam, Metoxuron, Metrafenone, Metribuzin, Metsulfuron-methyl, Mevinphos, Molinate, Monocrotophos, Monuron, Myclobutanil, Napropamide, Nicosulfuron, Nitenpyram, Nitralin, Nitrapyrin, Nitrofen, Nitrothal isopropyl, Novaluron, Nuarimol, Omethoate, Oxadiazon, Oxadixyl, Oxamyl, Oxycarboxin, Oxyfluorfen, Paclobutrazol, Paraoxon-methyl, Parathion, Parathion-methyl, Penconazole, Pencycuron, Pendimethalin, Penflufen, Pentachloroaniline, Penthiopyrad, Permethrin, Pethoxamid, Phenmedipham, Phenthoate, Phorate, Phorate sulfone, Phorate sulfoxide, Phosalone, Phosmet, Phosmet oxon, Phosphamidon, Phoxim, Phthalimide, Picolinafen, Picoxystrobin, Pinoxaden, Piperonyl butoxide, Piperophos, Pirimicarb, Pirimicarb desmethyl, Pirimiphos-ethyl, Pirimiphos-methyl, Prochloraz, Procymidone, Profenofos, Profluralin, Prometon, Prometryn, Propachlor, Propamocarb, Propaquizafop, Propargite, Propazine, Propetamphos, Propham, Propiconazole, Propoxur, Propoxycarbazone, Propyzamide, Proquinazid, Prosulfocarb, Prosulfuron, Prothioconazole destio, Prothiofos, Pymetrozine, Pyraclostrobin, Pyrazophos, Pyrethrins, Pyridaben, Pyridafol, Pyridalyl, Pyridaphenthion, Pyrifenox, Pyrimethanil, Pyriofenone, Pyriproxyfen, Pyroquilon, Pyroxsulam, Quinalphos, Quinclorac, Quinoclamine, Quinoxyfen, Quintozene, Quizalofop-ethyl, Resmethrin, Rimsulfuron, Rotenone, Saflufenacil, Silafluofen, Silthiofam, Simazine, Spinetoram C42, Spinetoram C43, Spinosyn A, Spinosyn D, Spirodiclofen, Spiromesifen, Spirotetramat, Spirotetramat enol, Spirotetramat enol-glucoside, Spirotetramat ketohydroxy, Spirotetramat monohydroxy, Spiroxamine, Sulfometuron methyl, Sulfosulfuron, Sulfotep, Sulfoxaflor, tau-Fluvalinate, Tebuconazole, Tebufenozide, Tebufenpyrad, Tecnazene, Teflubenzuron, Tefluthrin, Tepraloxydim, Terbacil, Terbufos, Terbufos oxon, Terbufos sulphone, Terbufos sulphoxide, Terbuthylazine, Terbutryn, Tetrachlorvinphos, Tetraconazole, Tetradifon, Tetrahydrophthalimide, Tetramethrin, Tetrasul, Thiabendazole, Thiacloprid, Thiamethoxam, Thiencarbazone-methyl, Thifensulfuron-methyl, Thiobencarb, Thiodicarb, Thiometon, Thiophanate-methyl, Tolclofos-methyl, Tolfenpyrad, Tolylfluanid, Topramezone, Tralkoxydim, Triadimefon, Triadimenol, Tri-allate, Triazophos, Trichlorfon, Tricyclazole, Tridemorph, Trifloxystrobin, Triflumizole, Triflumuron, Trifluralin, Triflusulfuron, Triticonazole, Tritosulfuron, Vinclozolin, Zoxamide.
Sub-method 1 (9 substances)	Cyhexatin, Dithianon, Dodine, Fenbutatin oxide, Fentin, Flonicamid (and its metabolites: TFNA, TFNA-AM, TFNG).
Sub-method 2 (33 substances)	2,4,5-T, 2,4-D, 2,4-DB, Acibenzolar acid, Acifluorfen, Aminopyralid, Bentazone, Bromacil, Bromoxynil, Clopyralid, Dicamba, Dichlorprop, Diclofop, Diflufenzopyr, Fenoprop, Fenoxaprop-P, Fluazifop, Fluroxypyr, Haloxyfop, Imazamox, Imazapyr, Imazethapyr, Ioxynil, MCPA, MCPB, Mecoprop, Picloram, Quinmerac, Quizalofop, Triasulfuron, Tribenuron methyl, Triclopyr, Trinexapac.
Dithiocarbamates	Ferbam,Mancozeb, Maneb, Metam, Metiram, Nabam, Propineb, Thiram, Zineb, Ziram
QuPPe-PO	Chlormequat, Cyromazine, Ethephon, Fosetyl-Al, Glufosinate (and its metabolites MPP, NAG), Glyphosate, Maleic hydrazide, Mepiquat, Phosphonic acid, Trimethyl-sulphonium cation,

Table S5. Method description according to determined substance (and LOQ) in certain product.

Methods	**Substances in SANTE: groups 1,2,3 e.g. fruits, vegetables, mushrooms, juices, etc.**	**LOQ [mg/kg]**
GC-MS/MS	2-keto ethofumesate, 2,6-dichlorobenzamide, disulfoton sulfon, disulfoton sulfoxide, dinobuton, dinoseb, dinitramine, endrin keton, fluensulfone, flumioxazin, flurprimidol, flurtamone, flutianil, isofetamid, mandestrobin, molinate, oxy-chlordane, oxadiazon, pentachloroaniline, penflufen, phorate sulfone, pirimiphos-ethyl, pyridaphenthion, pyridalyl, silafluofen, simazine, thiobencarb, trans-chlordane, cyprazine, fenpyrazamine	0.01
	2-phenylphenol, acetochlor, acrinathrin, alachlor, allethrin, ametryn, aminocarb, anthraquinone, atrazine, azaconazole, fenthion, fenvalerate, azinphos ethyl, azinphos-methyl, azoxystrobin, beflubutamid, benalaxyl, benfluralin, benfuracarb, bifenazate, bifenazate diazene, bifenox, bifenthrin, biphenyl, bitertanol, boscalid, bromfenvinphos, bromocyclen, bromophos, bromophos-ethyl, ethoprophos, ethoxyquin, etofenprox, etrimfos, fenamiphos, fenarimol, fenazaquin, fenbuconazole, fenchlorphos, fenhexamid, fenitrothion, fenoxycarb, fenpropathrin, fenpropidin, fenpropimorph, bromopropylate, bupirimate, buprofezin, butachlor, butafenacil, butylate, captafol, captan, carbaryl, carboxin, chinomethionat, chlorbenside, chlorbufam, chlordane, cis-chlorfenapyr, chlorfenson, chlorfenvinphos, chlormephos, chlorobenzilate, chloropropylate, chlorothalonil, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorthal-dimethyl, chlorthion, chlorthiophos, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethion, ethofumesate, clodinafop propargyl, clomazone, coumaphos, crimidine, cyanazine, cyanophenphos, cyanophos, cycloate, cyfluthrin, cypermethrin, cyproconazole, cyprodinil, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', deltamethrin, demeton-s, desmetryn, dialifos, diazinon, dichlobenil, dichlofenthion, ditalimfos, heptenophos, hexachlorocyclohexane (HCH), alpha, hexachlorocyclohexane (HCH), beta, hexaconazole, imazalil, iodofenphos, iprobenfos, iprodione, isocarbophos, isofenphos, isofenphos-methyl, DMST, dodemorph, edifenphos, endosulfan alpha, endosulfan beta, endosulfan sulphate, dichlofluanid, dichloroaniline, 3,5-, dichlorobenzophenone-p,p, dichlorvos, diclobutrazol, dicloran, flusilazole, dicofol, diethofencarb, difenoconazole, dimethachlor, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dioxabenzofos, dioxacarb, dioxathion, diphenylamine, fluchloralin, flucythrinate, fludioxonil, flumetralin, fluorodifen, fluotrimazole, fluquinconazole, flutriafol, folpet, fonofos, formothion, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, kresoxim-methyl, lambda-cyhalothrin, lindane, malaoxon, malathion, mecarbam, mepanipyrim, mepronil, metalaxyl, metazachlor, metconazole, methacrifos, methidathion, methoxychlor, metolachlor, metribuzin, mevinphos, myclobutanil, nitralin, nitrapyrin, nitrothal isopropyl, nuarimol, oxadixyl, oxyfluorfen, paclobutrazol, parathion, parathion-methyl, penconazole, pencycuron, pendimethalin, permethrin, perthane (ethylan), pethoxamid, phenthoate, phorate, phorate sulfoxide, phosalone, phosmet, phosphamidon, phthalimide, picolinafen, picoxystrobin, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-methyl, procymidone, profenofos, profluralin, prometon, prometryn, propachlor, propargite, propazine, propetamphos, propham, propiconazole, propyzamide, prothioconazole destio, prothiofos, pyraclostrobin, pyrazophos, pyridaben, pyrifenox, pyrimethanil, pyriproxyfen, pyroquilon, quinalphos, quinoxyfen, quintozene, resmethrin, spiromesifen, sulfotep, tau-fluvalinate, tebuconazole, tebufenpyrad, tecnazene, tefluthrin, terbacil, terbutryn, tetrachlorvinphos, tetraconazole, tetradifon, tetrahydrophthalimide, tetramethrin, tetrasul, tolclofos-methyl, tolylfluanid, triadimefon, triadimenol, tri-allate, triazophos, trifloxystrobin, triflumizole, trifluralin, vinclozolin	0.005
	endrin, fipronil desulfinyl, fipronil sulfon, heptachlor cis-epoxid, heptachlor trans-epoxid	0.0025

	aldrin, dieldrin, disulfoton, fipronil, heptachlor, hexachlorobenzene, nitrofen, terbufos	0.001
GC-MS	ethylene oxide (2-chloroethanol expressed as ethylene oxide)	0.02
	dithiocarbamates expressed as CS_2 (ferbam, mancozeb, maneb, metam, metiram, nabam, propineb, thiram, ziram, zineb)	0.005
LC-MS/MS	bromide ion	0.2
	phosphonic acid	0.1
	AMPA*, maleic hydrazide	0.05
	2,4-D, 2,4-DB, 2,4,5-T, abamectin, acephate, aclonifen, acibenzolar acid, acifluorfen, aminopyralid, aldicarb, aldicarb sulfone, aldicarb sulfoxide, amisulbrom, azadirachtin, aziprotryne, BAC C10, BAC C12, BAC C14, BAC C8, beflubutamid, bendiocarb, bentazone, benthiavalicarb isopropyl, bixafen, boscalid, bromacil, bromoxynil, bromuconazole, carbetamide, carbofuran 3-keto, carfentrazone-ethyl, chlorpyrifos, chromafenozide, clodinafop propargyl, clothianidin, clopyralid, cyantraniliprole, cycloxydim, cymiazol, cyproconazole, cyromazine, DDAC C8, DEET, desmedipham, dicrotophos, dicamba, diclofop, diflufenzopyr, diflufenican, dinotefuran, disulfoton, diuron, emamectin B1a, emamectin B1b, ETU*, ethiofencarb, ethirimol, ethephon, chlorates, famoxadone, fenfuram, fenhexamid, fenobucarb, fenoprop, fenoxaprop-p, fenpropidin, fenthion, fenthion oxon, fenthion oxon sulphone, fenthion sulfoxide, fenthion sulphone, florasulam, fluazifop, flupyradifurone, flurochloridone, flutianil, flutriafol, fluxapyroxad, formetanate, fosthiazate, glyphosate, halofenozide, haloxyfop, imazalil, imazapic, imazamox, imazapyr, imazethapyr, imidacloprid, iodosulfuron methyl, ipconazole, isofetamid, isoprocarb, isoprothiolane, lenacil, lufenuron, malathion, matrine, metaflumizone, metalaxyl, metamitron, metazachlor, methamidophos, methiocarb sulphone, methomyl, methoprotryne, melamine, metobromuron, metosulam, metoxuron, monuron, MCPA, MCPB, mecoprop, nicotine, nitenpyram, oxycarboxin, oxymatrine, parathion, parathion-methyl, penflufen, penthiopyrad, perchlorates, pethoxamid, phenmedipham, phosetyl, phosmet oxon, phoxim, piperonyl butoxide, picloram, prochloraz BTS 44595, prochloraz BTS 44596, propoxur, propoxycarbazone, pyridafol, pyrifenox, pyriproxyfen, pyroquilon, quinclorac, quinmerac, quizalofop, rimsulfuron, rotenone, saflufenacil, spinetoram C42, spinetoram C43, sulfosulfuron, sulfoxaflor, tebuconazole, teflubenzuron, tepraloxydim, terbufos, terbufos oxon, terbufos sulphone, thifensulfuron-methyl, thiometon, tolfenpyrad, topramezone, tralkoxydim, trichlorfon, tricyclazole, tridemorph, triflumizole, triflumuron, triflusulfuron methyl, triticonazole, tritosulfuron, trimethylsulfonyl cation, triasulfuron, trinexapac, triclopyr, zoxamide	0.01
	acetamiprid, ametoctradin, amidosulfuron, azoxystrobin, benzovindiflupyr, boscalid, carbaryl, carbendazim, carbofuran, carbofuran 3-hydroxy, chlorantraniliprole, chloridazon, chlorotoluron, chlorsulfuron, clofentezine, cyflufenamid, cyflumetofen, cymoxanil, diethofencarb, diflubenzuron, dimethenamid, dimethoate, disulfoton sulfon, disulfoton sulfoxide, DMF, DMPF, ethametsulfuron-methyl, etoxazole, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenbuconazole, fenoxaprop-P-ethyl, fenpropimorph, fenpyroximate, flazasulfuron, flonicamid, flufenacet, flufenoxuron, fluopicolide, fluopyram, fluoxastrobin, flutolanil, foramsulfuron, fuberidazole, hexaflumuron, hexythiazox, indoxacarb, iprovalicarb, isoproturon, isopyrazam, isoxaben, isoxaflutole, isoxathion, linuron, malaoxon, mandipropamid, metalaxyl, methiocarb, methiocarb sulphoxide, methoxyfenozide, metolachlor-S, metrafenone, metsulfuron-methyl, monocrotophos, napropamide, nicosulfuron, novaluron, oxadixyl, oxamyl, paraoxon-methyl, pencycuron, pendimethalin, phenthoate, phosmet, pinoxaden, prochloraz, propamocarb, propaquizafop, proquinazid, prosulfocarb, prosulfuron, pyridaben, pyroxsulam, quizalofop-ethyl, saflufenacil, silthiofam, spinosyn A, spinosyn D, spirodiclofen, spirotetramat, spirotetramat enol, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfometuron methyl, tebufenozide, tebufenpyrad, terbufos sulphoxide, terbuthylazine, thiabendazole, thiacloprid, thiamethoxam, thiencarbazone-methyl, thiodicarb, thiophanate-methyl, zoxamide, cyhexatin, dithianon, dodine, fenbutatin oxide, flonicamid, TFNA, TFNA-AM, TFNG, chlormequat chloride, mepiquat chloride, PTU*	0.005
	cadusafos, demeton-s-methyl, demeton-s-methyl sulphone, demeton-s-methyl sulphoxide, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, omethoate, fentin, glufosinate together with metabolites (MPP, glufosinate metabolite, N-acetyl-glufosinate)	0.0025
Substances in: SANTE: group 4 e.g. rapeseed. Soybeans, nuts, oilseeds, etc		
GC-MS/MS	pyrethrins	0.1
	acetochlor, acrinathrin, alachlor, aldrin, ametryn, aminocarb, anthraquinone, atrazine, azaconazole, azinphos ethyl, azinphos-methyl, azoxystrobin, beflubutamid, benalaxyl, benfluralin, bifenazate, bifenazate diazene, bifenox, bifenthrin, bitertanol, boscalid, bromfenvinphos, bromocyclen, bromophos, bromophos-ethyl, bromopropylate, bupirimate, buprofezin, butachlor, butafenacil, butylate, captan, carbaryl, carboxin, chinomethionat, chlorbenside, chlorbufam, chlordane -cis, chlordane -oxy, chlordane -trans, chlorfenapyr, chlorfenson, chlorfenvinphos, chlormephos, chlorobenzilate, chloropropylate, chlorothalonil, chlorpropham, chlorpyrifos-methyl, chlorthal-dimethyl, chlorthion, chlorthiophos, clodinafop propargyl, clomazone, coumaphos, crimidine, cyanophenphos, cyanophos, cycloate, cyfluthrin, cypermethrin, cyprazine, cyproconazole, cyprodinil, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', deltamethrin, demeton-s, desmetryn, diazinon, dichlobenil, dichlofenthion, dichlofluanid, dichloroaniline 3,5-dichlorobenzamide 2,6-dichlorobenzophenone-p,p, dichlorvos, diclobutrazol, dicloran, dicofol, dieldrin, difenoconazole, dimethachlor, dimethomorph, dimoxystrobin, diniconazole, dinitramine, dinobuton, dioxabenzofos, dioxacarb, diphenylamine, disulfoton, disulfoton sulfon, disulfoton sulfoxide, ditalimfos, dodemorph, edifenphos, endosulfan alpha, endosulfan beta, endosulfan sulphate, endrin, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethion, ethofumesate, ethofumesate -2-keto, ethoprophos, etofenprox, etrimfos, fenamiphos, fenarimol, fenazaquin, fenbuconazole, fenchlorphos, fenhexamid, fenitrothion, fenoxycarb, fenpropathrin, fenpropidin, fenpropimorph, fenpyrazamine, fenthion, fenvalerate, fipronil, fipronil desulfinyl, fipronil sulfon, fluchloralin, flucythrinate, fludioxonil, fluensulfone, flumetralin, flumioxazin, fluorodifen, fluotrimazole, fluquinconazole, flurprimidol, flurtamone, flusilazole, flutianil, flutriafol, folpet, fonofos, formothion, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, heptachlor, heptachlor cis-epoxid, heptenophos, hexachlorobenzene, hexachlorocyclohexane (HCH) alpha, hexachlorocyclohexane (HCH) beta, hexaconazole, imazalil, iodofenphos, iprobenfos, iprodione, isocarbophos, isofenphos, isofenphos-methyl, isofetamid, kresoxim-methyl, lambda-cyhalothrin, lindane, malathion, mandestrobin, mecarbam, mepanipyrim, mepronil, metalaxyl, metazachlor, metconazole, methacrifos, methidathion, methoxychlor, metolachlor, metribuzin, mevinphos, molinate, myclobutanil, nitralin, nitrapyrin, nitrofen, nitrothal isopropyl, nuarimol, oxadiazon, oxadixyl, oxyfluorfen, paclobutrazol, parathion, parathion-methyl, penconazole, pencycuron, pendimethalin, penflufen, pentachloroaniline, permethrin, perthane (ethylan), pethoxamid, phenthoate, phorate, phorate sulfone, phorate sulfoxide, phosalone, phthalimide, picolinafen, picoxystrobin, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-ethyl, pirimiphos-methyl, procymidone, profenofos, profluralin, prometon, prometryn, propachlor, propargite, propazine, propetamphos, propham, propiconazole, propyzamide, prothioconazole destio, prothiofos, pyraclostrobin,	0.01

	pyrazophos, pyridaben, pyridalyl, pyrifenox, pyrimethanil, pyriofenone, pyriproxyfen, pyroquilon, quinalphos, quinoxyfen, quintozene, resmethrin, silafluofen, simazine, spiromesifen, sulfotep, tau-fluvalinate, tebuconazole, tebufenpyrad, tecnazene, tefluthrin, terbacil, terbufos, terbutryn, tetrachlorvinphos, tetraconazole, tetradifon, tetrahydrophthalimide, tetramethrin, tetrasul, thiobencarb, tolclofos-methyl, tolylfluanid, triadimefon, triadimenol, tri-allate, triazophos, trifloxystrobin, triflumizole, trifluralin, vinclozolin	
	chlorpyrifos	0.005
LC-MS/MS	chlorsulfuron	2
	bromide ion	0.5
	quinoclamine, phosphonic acid	0.1
	AMPA*, glyphosate, trimethylsulfonyl cation, maleic hydrazide	0.05
	glufosinate together with metabolites (MPP, N-acetyl-glufosinate)	0.025
	2,4-D, 2,4-DB, 2,4,5-T, abamectin, acephate, acetamiprid, aclonifen, acibenzolar acid, acifluorfen, aldicarb, aldicarb sulfone, aldicarb sulfoxide, ametoctradin, amidosulfuron, amisulbrom, azadirachtin, aziprotryne, azoxystrobin, BAC C10, BAC C8, beflubutamid, bendiocarb, bentazone, benthiavalicarb isopropyl, benzovindiflupyr, bixafen, boscalid, bromacil, bromuconazole, cadusafos, carbaryl, carbendazim, carbetamide, carbofuran, carbofuran 3-hydroxy, carbofuran 3-keto, carfentrazone-ethyl, chlorates, chlorantraniliprole, chloridazon, chlorotoluron, chlorpyrifos, chromafenozide, chlorsulfuron, clodinafop propargyl, clofentezine, clothianidin, cyantraniliprole, cyazofamid, cycloxydim, cyflufenamid, cyflumetofen, cymiazol, cymoxanil, cyproconazole, cyromazine, DEET, demeton-s-methyl, demeton-s-methyl sulphone, demeton-s-methyl sulphoxide, desmedipham, dicrotophos, diethofencarb, diflubenzuron, diflufenican, dimethenamid, dimethoate, dinotefuran, disulfoton, disulfoton sulfon, disulfoton sulfoxide, diuron, DMF, DMPF, emamectin B1a, emamectin B1b, ethametsulfuron-methyl, ethiofencarb, ethephon, ethirimol, etoxazole, famoxadone, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenbuconazole, fenbutatin oxide, fenfuram, fentin, fenhexamid, fenobucarb, fenoprop, fenoxaprop-P-ethyl, fenpropidin, fenpropimorph, fenpyroximate, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, fenthion, fenthion oxon, fenthion oxon sulphone, fenthion sulfoxide, fenthion sulphone, florasulam, flonicamid, flufenacet, flufenoxuron, fluopicolide, fluopyram, fluoxastrobin, flupyradifurone, fluazifop, fluroxypyr, flurochloridone, flutianil, flutolanil, flutriafol, fluxapyroxad, foramsulfuron, formetanate, fosthiazate, fuberidazole, halofenozide, haloxyfop, hexaflumuron, hexythiazox, imazalil, imazapic, imazamox, imazethapyr, imidacloprid, indoxacarb, iodosulfuron methyl, ipconazole, iprovalicarb, isofetamid, isoprocarb, isoprothiolane, isoproturon, isopyrazam, isoxaben, isoxaflutole, isoxathion, lenacil, linuron, lufenuron, malaoxon, malathion, mandipropamid, matrine, melamine, metaflumizone, metalaxyl, metamitron, metazachlor, methamidophos, methiocarb, methiocarb sulphone, methiocarb sulphoxide, methomyl, methoprotryne, methoxyfenozide, metobromuron, metolachlor-S, metosulam, metoxuron, metrafenone, metsulfuron-methyl, mecoprop, mepronil, mevinphos, monocrotophos, monuron, napropamide, nicosulfuron, nitenpyram, MCPA, MCPB, omethoate, oxadixyl, oxamyl, oxycarboxin, oxymatrine, paraoxon-methyl, parathion, parathion-methyl, pencycuron, pendimethalin, penthiopyrad, perchlorates, pethoxamid, phenmedipham, phenthoate, phosetyl, phosmet, phosmet oxon, phoxim, pinoxaden, piperonyl butoxide, prochloraz, prochloraz BTS 44595, prochloraz BTS 44596, propamocarb, propaquizafop, propoxur, propoxycarbazone, proquinazid, prosulfocarb, prosulfuron, pymetrozine, pyridaben, pyridafol, pyrifenox, pyriproxyfen, pyroquilon, pyroxsulam, quizalofop-ethyl, quinmerac, rimsulfuron, rotenone, saflufenacil, silthiofam, spinetoram C42, spinetoram C43, spinosyn A, spinosyn D, spirodiclofen, spirotetramat, spirotetramat enol, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfosulfuron, sulfoxaflor, tebuconazole, tebufenozide, tebufenpyrad, teflubenzuron, tepraloxydim, terbufos, terbufos oxon, terbufos sulphone, terbufos sulphoxide, terbuthylazine, thiabendazole, thiacloprid, thiamethoxam, thiencarbazone-methyl, thifensulfuron-methyl, thiometon, thiophanate-methyl, tolfenpyrad, topramezone, tralkoxydim, trichlorfon, tricyclazole, tridemorph, triflumizole, triflumuron, triflusulfuron methyl, triticonazole, tritosulfuron, TFNA, TFNA-AM, TFNG, zoxamide	0.01
	flonicamid, sulfometuron methyl, cyhexatin, dithianon, dodine, fenbutatin oxide, flonicamid, chlormequat chloride, mepiquat chloride	0.005
	fentin	0.0025
Substances in: SANTE: group 5 e.g. cereals, flour, dried beans, bread, etc.		
GC-MS/MS	pyrethrins	0.1
	glufosinate together with metabolites (MPP, N-acetyl-glufosinate)	0.025
	azinphos-methyl, bifenazate diazene, chlordane -oxy, chlordane -trans, chlorothalonil, cyprodinil, dichlofluanid, dichlorobenzamide 2,6-dinitramine, dinobuton, dinoseb, disulfoton sulfon, disulfoton sulfoxide, endrin, endrin keton, ethofumesate -2-keto, fenpyrazamine, fluensulfone, flumioxazin, flurprimidol, flurtamone, flutianil, isofetamid, mandestrobin, molinate, oxadiazon, penflufen, pentachloroaniline, pethoxamid, phorate sulfone, pirimiphos-ethyl, pyridalyl, pyridaphenthion, pyriofenone, silafluofen, simazine, thiobencarb, tolylfluanid	0.01
	2-phenylphenol, acetochlor, acrinathrin, alachlor, allethrin, ametryn, aminocarb, anthraquinone, atrazine, azaconazole, azinphos ethyl, azoxystrobin, beflubutamid, benalaxyl, benfluralin, benfuracarb, bifenazate, bifenox, bifenthrin, biphenyl, bitertanol, boscalid, bromfenvinphos, bromocyclen, bromophos, bromophos-ethyl, bromopropylate, bupirimate, buprofezin, butachlor, butafenacil, butylate, captan, carbaryl, carboxin, chinomethionat, chlorbenside, chlorbufam, chlordane -cis, chlorfenapyr, chlorfenson, chlorfenvinphos, chlormephos, chlorobenzilate, chloropropylate, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorthal-dimethyl, chlorthion, chlorthiophos, clodinafop propargyl, clomazone, coumaphos, crimidine, cyanazine, cyanophenphos, cyanophos, cycloate, cyfluthrin, cypermethrin, cyprazine, cyproconazole, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', deltamethrin, demeton-s, desmetryn, dialifos, diazinon, dichlobenil, dichlofenthion, dichloroaniline 3,5-, dichlorobenzophenone-p,p, dichlorvos, diclobutrazol, dicloran, dicofol, diethofencarb, difenoconazole, dimethachlor, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dioxabenzofos, dioxacarb, dioxathion, diphenylamine, ditalimfos, DMST, dodemorph, edifenphos, endosulfan alpha, endosulfan beta, endosulfan sulphate, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethion, ethofumesate, ethoprophos, ethoxyquin, etofenprox, etrimfos, fenamiphos, fenarimol, fenazaquin, fenbuconazole, fenchlorphos, fenhexamid, fenitrothion, fenoxycarb, fenpropathrin, fenpropidin, fenpropimorph, fenthion, fenvalerate, fipronil, fluchloralin, flucythrinate, fludioxonil, flumetralin, fluorodifen, fluotrimazole, fluquinconazole, flusilazole, flutriafol, folpet, fonofos, formothion, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, heptachlor cis-epoxid, heptachlor trans-epoxid, heptenophos, hexachlorocyclohexane (HCH) alpha, hexachlorocyclohexane (HCH) beta, hexaconazole, imazalil, iodofenphos, iprobenfos, iprodione, isocarbophos, isofenphos,	0.005

	isofenphos-methyl, kresoxim-methyl, lambda-cyhalothrin, lindane, malaoxon, malathion, mecarbam, mepanipyrim, mepiquat chloride, mepronil, metalaxyl, metazachlor, metconazole, methacrifos, methidathion, methoxychlor, metolachlor, metribuzin, mevinphos, myclobutanil, nitralin, nitrapyrin, nitrofen, nitrothal isopropyl, nuarimol, oxadixyl, oxyfluorfen, paclobutrazol, parathion, parathion-methyl, penconazole, pencycuron, pendimethalin, permethrin, perthane (ethylan), phenthoate, phorate, phorate sulfoxide, phosalone, phosmet, phosphamidon, phthalimide, picolinafen, picoxystrobin, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-methyl, procymidone, profenofos, profluralin, prometon, prometryn, propachlor, propargite, propazine, propetamphos, propham, propiconazole, propyzamide, prothioconazole destio, prothiofos, pyraclostrobin, pyrazophos, pyridaben, pyrifenox, pyrimethanil, pyriproxyfen, pyroquilon, quinalphos, quinoxyfen, quintozene, resmethrin, spiromesifen, sulfotep, tau-fluvalinate, tebuconazole, tebufenpyrad, tecnazene, tefluthrin, terbacil, terbutryn, tetrachlorvinphos, tetraconazole, tetradifon, tetrahydrophthalimide, tetramethrin, tetrasul, tolclofos-methyl, triadimefon, triadimenol, tri-allate, triazophos, trifloxystrobin, triflumizole, trifluralin, vinclozolin	
	aldrin, dieldrin, fipronil desulfinyl, fipronil sulfon	0.0025
	disulfoton, heptachlor, hexachlorobenzene, terbufos	0.001
LC-MS/MS	bromide ion	0.5
	phosphonic acid	0.1
	AMPA*, glyphosate, trimethylsulfonyl cation, maleic hydrazide	0.05
	azadirachtin, benzovindiflupyr, bromacil, carfentrazone-ethyl, chlorates, clodinafop propargyl, clothianidin, cyantraniliprole, cyromazine, cycloxydim, cyflumetofen, dinotefuran, disulfoton, ethametsulfuron-methyl, ethephon, ETU*,fenhexamid, fenthion oxon, fenthion oxon sulphone, fenthion sulphone, flazasulfuron, florasulam, flupyradifurone, flutianil, foramsulfuron, halofenozide, hexaflumuron, imazapic, iodosulfuron methyl, isofetamid, isoxaben, isoxaflutole, isoxathion, matrine, melamine, metaflumizone, metamitron, metazachlor, methoprotryne, metobromuron, nicosulfuron, nitenpyram, novaluron, oxymatrine, penflufen, phosetyl, phosmet oxon, perchlorates, prosulfuron, pymetrozine, pyroxsulam, rotenone, saflufenacil, spirotetramat enol, sulfoxaflor, terbufos oxon, thiencarbazone-methyl, thiodicarb, tolfenpyrad, topramezone, tridemorph, triflumizole, triflumuron, tritosulfuron	0.01
	abamectin, acephate, acetamiprid, aclonifen, aldicarb, aldicarb sulfone, aldicarb sulfoxide, ametoctradin, amidosulfuron, amisulbrom, aziprotryne, azoxystrobin, beflubutamid, bendiocarb, benthiavalicarb isopropyl, bixafen, boscalid, bromuconazole, carbaryl, carbendazim, carbetamide, carbofuran, carbofuran 3-hydroxy, carbofuran 3-keto, chlormequat chloride, chlorantraniliprole, chloridazon, chlorotoluron, chlorpyrifos, chlorsulfuron, chromafenozide, clofentezine, cyazofamid, cyflufenamid, cymiazol, cymoxanil, cyproconazole, DEET, desmedipham, dicrotophos, diethofencarb, diflubenzuron, diflufenican, dimethenamid, Dimethoate, Disulfoton sulfon, Disulfoton sulfoxide, Diuron, DMF, DMPF, emamectin B1a, emamectin B1b, ethiofencarb, ethirimol, etoxazole, famoxadone, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenbuconazole, fenfuram, fenobucarb, fenoxaprop-p-ethyl, fenpropidin, fenpropimorph, fenpyroximate, fenthion, fenthion sulfoxide, flonicamid, flufenacet, flufenoxuron, fluopicolide, fluopyram, fluoxastrobin, flurochloridone, flutolanil, flutriafol, fluxapyroxad, formetanate, fosthiazate, fuberidazole, hexythiazox, imazalil, imidacloprid, indoxacarb, ipconazole, iprovalicarb, isoprocarb, isoprothiolane, isoproturon, isopyrazam, lenacil, linuron, lufenuron, malaoxon, malathion, mandipropamid, metalaxyl, methamidophos, methiocarb, methiocarb sulphone, methiocarb sulphoxide, methomyl, methoxyfenozide, metolachlor-s, metoxuron, metrafenone, metsulfuron-methyl, monocrotophos, monuron, napropamide, oxadixyl, oxamyl, oxycarboxin, paraoxon-methyl, parathion, parathion-methyl, pencycuron, pendimethalin, penthiopyrad, pethoxamid, phenmedipham, phenthoate, phosmet, phoxim, pinoxaden, piperonyl butoxide, prochloraz, prochloraz BTS 44595, prochloraz BTS 44596, propamocarb, propaquizafop, propoxur, propoxycarbazone, proquinazid, prosulfocarb, PTU*, pyridaben, pyrifenox, pyriproxyfen, pyroquilon, quinoclamine, quizalofop-ethyl, silthiofam, spinetoram C42, spinetoram C43, spinosyn A, spinosyn D, spirodiclofen, spirotetramat, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfometuron methyl, sulfosulfuron, tebuconazole, tebufenozide, tebufenpyrad, teflubenzuron, tepraloxydim, terbufos, terbufos sulphone, terbufos sulphoxide, terbuthylazine, thiabendazole, thiacloprid, thiamethoxam, thifensulfuron-methyl, thiometon, thiophanate-methyl, tralkoxydim, trichlorfon, tricyclazole, triflusulfuron methyl, triticonazole, zoxamide	0.005
	cadusafos, demeton-S-methyl, demeton-S-methyl sulphone, demeton-S-methyl sulphoxide, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, omethoate	0.0025
Substances in: SANTE: group 6 e.g. cocoa, teas, spices, dried herbs, etc.) and soil		
GC-MS/MS	pyrethrins	0.1
	acetochlor, acrinathrin, aldrin, allethrin, ametryn, aminocarb, anthraquinone, atrazine, azaconazole, azinphos ethyl, azinphos-methyl, azoxystrobin, beflubutamid, benalaxyl, benfluralin, benfuracarb, bifenazate, bifenazate diazene, bifenox, bifenthrin, bitertanol, boscalid, bromfenvinphos, bromocyclen, bromophos, bromophos-ethyl, bromopropylate, bupirimate, buprofezin, butachlor, butafenacil, butylate, captan, carbaryl, carboxin, chinomethionat, chlorbenside, chlorbufam, chlordane. -cis, chlordane. -trans, chlorfenapyr, chlorfenson, chlorfenvinphos, chlormephos, chlorobenzilate, chloropropylate, chlorothalonil, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorthal-dimethyl, chlorthion, chlorthiophos, clodinafop propargyl, clomazone, coumaphos, crimidine, cyanophenphos, cyanophos, cycloate, cyfluthrin, cypermethrin, cyprazine, cyproconazole, cyprodinil, DDD-o,p', DDD-p,p', DDE-o,p', DDE-p,p', DDM, DDT-o,p', DDT-p,p', deltamethrin, demeton-S, desmetryn, dialifos, diazinon, dichlobenil, dichlofenthion, dichlofluanid, dichlorobenzamide, 2,6-, dichlorobenzophenone-p,p, dichlorvos, diclobutrazol, dicloran, dicofol, dieldrin, diethofencarb, difenoconazole, dimethachlor, dimethoate, dimethomorph, dimoxystrobin, diniconazole, dinitramine, dinobuton, dinoseb, dioxabenzofos, diphenylamine, disulfoton, ditalimfos, edifenphos, endosulfan alpha, endosulfan beta, endosulfan sulphate, endrin, endrin keton, epn, epoxiconazole, esfenvalerate, etaconazole, ethalfluralin, ethion, ethofumesate, ethofumesate, -2-keto, ethoprophos, ethoxyquin, etofenprox, etrimfos, fenamiphos, fenarimol, fenazaquin, fenbuconazole, fenchlorphos, fenhexamid, fenitrothion, fenpropathrin, fenpropidin, fenpropimorph, fenpyrazamine, fenthion, fenvalerate, fipronil, fipronil desulfinyl, fipronil sulfon, fluchloralin, flucythrinate, fludioxonil, fluensulfone, flumetralin, fluorodifen, fluquinconazole, flurprimidol, flurtamone, flusilazole, flutianil, flutriafol, folpet, formothion, furalaxyl, furathiocarb, gamma-cyhalothrin, halfenprox, heptachlor, heptachlor cis-epoxid, heptachlor trans-epoxid, heptenophos, hexachlorobenzene, hexachlorocyclohexane (HCH) alpha, hexachlorocyclohexane (HCH) beta, hexaconazole, imazalil, iodofenphos, iprobenfos, iprodione, isocarbophos, isofenphos, isofenphos-methyl, isofetamid, kresoxim-methyl, lambda-cyhalothrin, lindane, malathion, mandestrobin, mecarbam, mepanipyrim, mepronil, metalaxyl, metazachlor, metconazole, methacrifos, methidathion, methoxychlor, metolachlor, metribuzin, mevinphos, molinate, myclobutanil, nitralin,	0.01

	nitrapyrin, nitrofen, nitrothal isopropyl, nuarimol, oxadiazon, oxadixyl, oxyfluorfen, paclobutrazol, parathion, parathion-methyl, penconazole, pencycuron, pendimethalin, penflufen, pentachloroaniline, permethrin, perthane (ethylan), pethoxamid, phenthoate, phorate, phorate sulfone, phorate sulfoxide, phosalone, phosmet, phthalimide, picolinafen, picoxystrobin, piperonyl butoxide, piperophos, pirimicarb, pirimicarb desmethyl, pirimiphos-ethyl, pirimiphos-methyl, procymidone, profenofos, profluralin, prometon, prometryn, propachlor, propargite, propazine, propetamphos, propham, propiconazole, propyzamide, prothioconazole destio, prothiofos, pyraclostrobin, pyrazophos, pyridaben, pyridalyl, pyridaphenthion, pyrifenox, pyrimethanil, pyriofenone, pyriproxyfen, quinalphos, quinoxyfen, quintozene, silafluofen, simazine, spiromesifen, sulfotep, tau-fluvalinate, tebuconazole, tebufenpyrad, tecnazene, tefluthrin, terbacil, terbufos, terbutryn, tetrachlorvinphos, tetraconazole, tetradifon, tetrahydrophthalimide, tetramethrin, tetrasul, thiobencarb, tolclofos-methyl, tolylfluanid, triadimefon, triadimenol, tri-allate, triazophos, trifloxystrobin, triflumizole, trifluralin, vinclozolin	
LC-MS/MS	phosphonic acid	0.1
	AMPA*, glyphosate, trimethylsulfonyl cation, glufosinate together with metabolites (MPP, N-acetyl-glufosinate), maleic hydrazide	0.05
	abamectin, acephate, acetamiprid, aclonifen, aldicarb, aldicarb sulfone, aldicarb sulfoxide, ametoctradin, amidosulfuron, amisulbrom, azadirachtin, aziprotryne, azoxystrobin, BAC C10, BAC C8, beflubutamid, bendiocarb, benthiavalicarb isopropyl, benzovindiflupyr, bixafen, boscalid, bromacil, bromuconazole, cadusafos, carbaryl, carbendazim, carbetamide, carbofuran, carbofuran 3-hydroxy, carbofuran 3-keto, carfentrazone-ethyl, chlorates, chlorantraniliprole, chloridazon, chlorotoluron, chlorpyrifos, chlorsulfuron, chromafenozide, clodinafop propargyl, clofentezine, clothianidin, cyantraniliprole, cyazofamid, cyflufenamid, cyflumetofen, cymiazol, cymoxanil, cyproconazole, cyromazine,DDAC C8, DEET, demeton-S-methyl, demeton-S-methyl sulphone, demeton-S-methyl sulphoxide, desmedipham, dicrotophos, diethofencarb, diflubenzuron, dimethenamid, dimethoate, dinotefuran, disulfoton, disulfoton sulfon, disulfoton sulfoxide, diuron, DMF, DMPF, emamectin B1a, emamectin B1b, ethametsulfuron-methyl, ethephon, ethiofencarb, ethirimol, etoxazole, famoxadone, fenamidone, fenamiphos, fenamiphos sulfoxide, fenamiphos sulphone, fenbuconazole, fenfuram, fenhexamid, fenobucarb, fenoxaprop-p-ethyl, fenpropidin, fenpropimorph, fenpyroximate, fensulfothion, fensulfothion oxon, fensulfothion oxon sulphone, fensulfothion sulphone, fenthion, fenthion oxon, fenthion oxon sulphone, fenthion sulfoxide, fenthion sulphone, flonicamid, florasulam, flufenacet, flufenoxuron, fluopicolide, fluopyram, fluoxastrobin, flupyradifurone, flurochloridone, flutianil, flutolanil, flutriafol, fluxapyroxad, foramsulfuron, formetanate, fosthiazate, fuberidazole, halofenozide, hexythiazox, imazalil, imidacloprid, indoxacarb, iodosulfuron methyl, ipconazole, iprovalicarb, isofetamid, isoprocarb, isoprothiolane, isoproturon, isopyrazam, isoxaben, isoxaflutole, isoxathion, lenacil, linuron, lufenuron, malaoxon, malathion, mandipropamid, matrine, melamine, metaflumizone, metalaxyl, metamitron, metazachlor, methamidophos, methiocarb, methiocarb sulphone, methiocarb sulphoxide, methomyl, methoprotryne, methoxyfenozide, metobromuron, Metolachlor-S, metosulam, metoxuron, metrafenone, metsulfuron-methyl, monocrotophos, monuron, napropamide, nicosulfuron, nitenpyram, novaluron, omethoate, oxadixyl, oxamyl, oxycarboxin, oxymatrine, paraoxon-methyl, parathion, parathion-methyl, pencycuron, pendimethalin, penthiopyrad, perchlorates, pethoxamid, phenmedipham, phenthoate, phosetyl, phosmet, phosmet oxon, phoxim, pinoxaden, piperonyl butoxide, prochloraz, prochloraz BTS 44595, prochloraz BTS 44596, propamocarb, propaquizafop, propoxur, propoxycarbazone, proquinazid, prosulfocarb, prosulfuron, pyridaben, pyridafol, pyrifenox, pyriproxyfen, pyroquilon, pyroxsulam, quinoclamine, quizalofop-ethyl, rimsulfuron, rotenone, saflufenacil, silthiofam, spinetoram C42, spinetoram C43, spinosyn A, spinosyn D, spirodiclofen, spirotetramat, spirotetramat enol, spirotetramat enol-glucoside, spirotetramat ketohydroxy, spirotetramat monohydroxy, spiroxamine, sulfosulfuron, sulfoxaflor, tebuconazole, tebufenozide, tebufenpyrad, teflubenzuron, terbufos, terbufos oxon, terbufos sulphone, terbufos sulphoxide, terbuthylazine, TFNA, TFNA-AM, TFNG, thiabendazole, thiacloprid, thiamethoxam, thiencarbazone-methyl, thifensulfuron-methyl, thiodicarb, thiometon, thiophanate-methyl, tolfenpyrad, topramezone, tralkoxydim, trichlorfon, tricyclazole, tridemorph, triflumizole, triflumuron, triticonazole, tritosulfuron, zoxamide	0.01
	cyhexatin, dithianon, dodine, fenbutatin oxide, flonicamid, chlormequat chloride, mepiquat chloride	0.005
	fentin	0.0025

*- not accredited method

Table S6. Validation parameters of different analytical methods used for the determination of pesticide residues.

No.	Substance name	LOD (mg/kg)	LOQ (mg/kg)	Working Range (mg/kg)	Recoveries (%)	RSD (%)	Measurement Uncertainty (%)
MULTI GC METHOD							
1.	2-Phenylphenol	0.001	0.005	(0.005 - 5)	97	12	34.5
2.	Acetochlor	0.001	0.005	(0.005 - 5)	97	8,3	26.8
3.	Acrinathrin	0.001	0.005	(0.005 - 5)	90	9.95	35.7
4.	Alachlor	0.001	0.005	(0.005 - 5)	99	10	29.6
5.	Aldrin	0.0005	0.001	(0.001 - 5)	98	6.5	21.4
6.	Allethrin	0.001	0.005	(0.005 - 5)	108	8.8	31.5
7.	Ametryn	0.001	0.005	(0.005 - 5)	95	7.6	24.7
8.	Aminocarb	0.001	0.005	(0.005 - 5)	83	12	48.6
9.	Anthraquinone	0.001	0.005	(0.005 - 5)	98	9.8	33.0
10.	Atrazine	0.001	0.005	(0.005 - 5)	101	9.7	27.8

11.	Azaconazole	0.001	0.005	(0.005 - 5)	92	11	37.2
12.	Azinphos ethyl	0.001	0.005	(0.005 - 5)	92	5.5	26.7
13.	Azinphos-methyl	0.001	0.005	(0.005 - 5)	97	12	38.9
14.	Azoxystrobin	0.001	0.005	(0.005 - 5)	99	13	35.8
15.	Beflubutamid	0.001	0.005	(0.005 - 5)	88	5.5	28.1
16.	Benalaxyl	0.001	0.005	(0.005 - 5)	102	6.6	19.5
17.	Benfluralin	0.001	0.005	(0.005 - 5)	88	4.5	32.2
18.	Benfuracarb	0.001	0.005	(0.005 - 5)	93	6.7	32.8
19.	Bifenazate	0.001	0.005	(0.005 - 5)	93	9.7	36.7
20.	Bifenazate diazene	0.001	0.005	(0.005 - 5)	86	9.1	26.0
21.	Bifenox	0.001	0.005	(0.005 - 5)	110	15	46.4
22.	Bifenthrin	0.001	0.005	(0.005 - 5)	98	5.2	18.5
23.	Biphenyl	0.001	0.005	(0.005 - 5)	92	5.7	30.5
24.	Bitertanol	0.001	0.005	(0.005 - 5)	96	5.2	18.0
25.	Boscalid	0.001	0.005	(0.005 - 5)	103	6.4	22.0
26.	Bromfenvinphos	0.001	0.005	(0.005 - 5)	97	7.9	26.3
27.	Bromocyclen	0.001	0.005	(0.005 - 5)	98	7.8	24.4
28.	Bromophos	0.001	0.005	(0.005 - 5)	105	8.8	26.8
29.	Bromophos-ethyl	0.001	0.005	(0.005 - 5)	97	5.00	19.7
30.	Bromopropylate	0.001	0.005	(0.005 - 5)	101	7.5	21.4
31.	Bupirimate	0.001	0.005	(0.005 - 5)	100	5.2	17.7
32.	Buprofezin	0.001	0.005	(0.005 - 5)	102	10	29.9
33.	Butachlor	0.001	0.005	(0.005 - 5)	98	12	38.9
34.	Butafenacil	0.001	0.005	(0.005 - 5)	107	15	45.3
35.	Butylate	0.001	0.005	(0.005 - 5)	97	12	34.5
36.	Captafol	0.001	0.005	(0.005 - 5)	101	8.4	27.0
37.	Captan	0.001	0.005	(0.005 - 5)	101	9.8	31.4
38.	Carbaryl	0.001	0.005	(0.005 - 5)	91	14	43.3
39.	Carboxin	0.001	0.005	(0.005 - 5)	102	13	39.8
40.	Chinomethionat	0.001	0.005	(0.005 - 5)	91	9.9	37.0
41.	Chlorbenside	0.001	0.005	(0.005 - 5)	98	6.7	29.1
42.	Chlorbufam	0.001	0.005	(0.005 - 5)	101	13.3	38.5
43.	Chlordane, -cis	0.001	0.005	(0.005 - 5)	95	11	31.0
44.	Chlordane, -oxy	0.002	0.01	(0.01 - 5)	98	5.4	15.0
45.	Chlordane, -trans	0.002	0.01	(0.01 - 5)	97	11	29.0
46.	Chlorfenapyr	0.001	0.005	(0.005 - 5)	102	4.5	22.9
47.	Chlorfenson	0.001	0.005	(0.005 - 5)	99	5.7	17.0
48.	Chlorfenvinphos	0.001	0.005	(0.005 - 5)	99	9.5	29.9
49.	Chlormephos	0.001	0.005	(0.005 - 5)	95,5	12	34.9
50.	Chlorobenzilate	0.001	0.005	(0.005 - 5)	100	5	14.7
51.	Chloropropylate	0.001	0.005	(0.005 - 5)	99	5.4	19.8
52.	Chlorothalonil	0.001	0.005	(0.005 - 5)	103	8.7	27.5
53.	Chlorpropham	0.001	0.005	(0.005 - 5)	108	6.3	23.8
54.	Chlorpyrifos	0.001	0.005	(0.005 - 5)	98	8	23.8

55.	Chlorpyrifos-methyl	0.001	0.005	(0.005 - 5)	103	6.1	18.1
56.	Chlorthal-dimethyl	0.001	0.005	(0.005 - 5)	99	3.8	12.5
57.	Chlorthion	0.001	0.005	(0.005 - 5)	92	9.8	36.9
58.	Chlorthiophos	0.001	0.005	(0.005 - 5)	96	7.8	27.7
59.	Clodinafop propargyl	0.001	0.005	(0.005 - 5)	89	7.4	42.1
60.	Clomazone	0.001	0.005	(0.005 - 5)	104	8.7	25.9
61.	Coumaphos	0.001	0.005	(0.005 - 5)	99	11	43.6
62.	Crimidine	0.001	0.005	(0.005 - 5)	103	12	34.6
63.	Cyanazine	0.001	0.005	(0.005 - 5)	105	8.2	30.4
64.	Cyanophenphos	0.001	0.005	(0.005 - 5)	105	3.9	17.8
65.	Cyanophos	0.001	0.005	(0.005 - 5)	98	12.6	41.7
66.	Cycloate	0.001	0.005	(0.005 - 5)	105	9	32.7
67.	Cyfluthrin	0.001	0.005	(0.005 - 5)	99	9.9	29.1
68.	Cypermethrin	0.001	0.005	(0.005 - 5)	96	11	31.4
69.	Cyprazine	0.002	0,01	(0.01 - 5)	103	12	23.9
70.	Cyproconazole	0.001	0.005	(0.005 - 5)	96	7.2	39.4
71.	Cyprodinil	0.001	0.005	(0.005 - 5)	109	7.3	26.6
72.	DDD-o,p'	0.001	0.005	(0.005 - 5)	107	5.5	20.8
73.	DDD-p,p'	0.001	0.005	(0.005 - 5)	109	4.6	23.0
74.	DDE-o,p'	0.001	0.005	(0.005 - 5)	94	5.7	19.9
75.	DDE-p,p'	0.001	0.005	(0.005 - 5)	108	4.4	19.6
76.	DDM	0.001	0.005	(0.005 - 5)	99	3.8	12.5
77.	DDT-o,p'	0.001	0.005	(0.005 - 5)	88	8.2	33.7
78.	DDT-p,p'	0.001	0.005	(0.005 - 5)	92	6.1	24.0
79.	Deltamethrin	0.001	0.005	(0.005 - 5)	90	9.7	34.4
80.	Demeton-S	0.001	0.005	(0.005 - 5)	96	6.6	27.8
81.	Desmetryn	0.001	0.005	(0.005 - 5)	102	10.3	32.9
82.	Dialifos	0.001	0.005	(0.005 - 5)	99	5.5	21.7
83.	Diazinon	0.001	0.005	(0.005 - 5)	99	6	18.2
84.	Dichlobenil	0.001	0.005	(0.005 - 5)	108	4.8	20.3
85.	Dichlofenthion	0.001	0.005	(0.005 - 5)	109	10	33.7
86.	Dichlofluanid	0.001	0.005	(0.005 - 5)	88	9.7	36.5
87.	Dichloroaniline, 3,5-	0.001	0.005	(0.005 - 5)	99	16	47.9
88.	Dichlorobenzamide, 2,6-	0.002	0.01	(0.01 - 5)	90	11	22.9
89.	Dichlorobenzophenone-p,p	0.001	0.005	(0.005 - 5)	96	3.8	17.4
90.	Dichlorvos	0.001	0.005	(0.005 - 5)	98	6.7	21.8
91.	Diclobutrazol	0.001	0.005	(0.005 - 5)	92	11	34.0
92.	Dicloran	0.001	0.005	(0.005 - 5)	97	12	36.4
93.	Dicofol	0.001	0.005	(0.005 - 5)	102	6.4	20.7
94.	Dieldrin	0.0005	0.001	(0.001 - 5)	100	16	45.9
95.	Diethofencarb	0.001	0.005	(0.005 - 5)	99	10	36.2
96.	Difenoconazole	0.001	0.005	(0.005 - 5)	93	16	48.3
97.	Dimethachlor	0.001	0.005	(0.005 - 5)	100	5.3	17.8
98.	Dimethoate	0.001	0.005	(0.005 - 5)	97	7.5	27.2

99.	Dimethomorph	0.001	0.005	(0.005 - 5)	95	8.6	29.0
100.	Dimoxystrobin	0.001	0.005	(0.005 - 5)	97	4.2	33.2
101.	Diniconazole	0.001	0.005	(0.005 - 5)	91	8	33.5
102.	Dinitramine	0002	001	(0.01 - 5)	83	5	48.6
103.	Dinobuton	0.002	0,01	(0.01 - 5)	92	14	44.4
104.	Dinoseb	0.002	0,01	(0.01 - 5)	90	7.9	22.0
105.	Dioxabenzofos	0.001	0.005	(0.005 - 5)	98	14	40.7
106.	Dioxacarb	0.001	0.005	(0.005 - 5)	86	6.8	34.0
107.	Dioxathion	0.001	0.005	(0.005 - 5)	96	12	37.4
108.	Diphenylamine	0.001	0.005	(0.005 - 5)	104	5	22.8
109.	Disulfoton	0.0005	0.001	(0.001 - 5)	98	7	26.4
110.	Disulfoton sulfon	0.002	0.01	(0.01 - 5)	88	5.4	15.0
111.	Disulfoton sulfoxide	0.002	0.01	(0.01 - 5)	75	11	30.0
112.	Ditalimfos	0.001	0.005	(0.005 - 5)	93	9.2	36.0
113.	DMST	0.001	0.005	(0.005 - 5)	104	8	24.0
114.	Dodemorph	0.001	0.005	(0.005 - 5)	93	9.3	34.4
115.	Edifenphos	0.001	0.005	(0.005 - 5)	104	9.7	28.2
116.	Endosulfan alpha	0.001	0.005	(0.005 - 5)	110	9.2	32.6
117.	Endosulfan beta	0.001	0.005	(0.005 - 5)	105	5.5	31.4
118.	Endosulfan sulphate	0.001	0.005	(0.005 - 5)	96	3.8	15.0
119.	Endrin	0.001	0.0025	(0.0025 - 5)	93	6.9	28.0
120.	Endrin keton	0.002	0.01	(0.01 - 5)	87	3.2	9.0
121.	EPN	0.001	0.005	(0.005 - 5)	109	5.2	22.8
122.	Epoxiconazole	0.001	0.005	(0.005 - 5)	97	5.2	33.1
123.	Esfenvalerate	0.001	0.005	(0.005 - 5)	94	10	39.9
124.	Etaconazole	0.001	0.005	(0.005 - 5)	99	8.1	26.8
125.	Ethalfluralin	0.001	0.005	(0.005 - 5)	87	5.2	35.0
126.	Ethion	0.001	0.005	(0.005 - 5)	97	3.3	27.0
127.	Ethofumesate	0.001	0.005	(0.005 - 5)	105	7.3	23.0
128.	Ethofumesate, -2-keto	0.002	0.01	(0.01 - 5)	80	4	11.0
129.	Ethoprophos	0.001	0.005	(0.005 - 5)	97	4.3	14.2
130.	Ethoxyquin	0.001	0.005	(0.005 - 5)	89	7.8	32.0
131.	Etofenprox	0.001	0.005	(0.005 - 5)	83	7.4	40.6
132.	Etrimfos	0.001	0.005	(0.005 - 5)	101	4.9	15.5
133.	Fenamiphos	0.001	0.005	(0.005 - 5)	103	11	33.1
134.	Fenarimol	0.001	0.005	(0.005 - 5)	109	2.2	19.7
135.	Fenazaquin	0.001	0.005	(0.005 - 5)	101	12	33.6
136.	Fenbuconazole	0.001	0.005	(0.005 - 5)	86	9.3	38.8
137.	Fenchlorphos	0.001	0.005	(0.005 - 5)	89	8.9	35.3
138.	Fenhexamid	0.001	0.005	(0.005 - 5)	103	7.1	21.3
139.	Fenitrothion	0.001	0.005	(0.005 - 5)	94	3.2	24.3
140.	Fenoxycarb	0.001	0.005	(0.005 - 5)	95	12	39.4
141.	Fenpropathrin	0.001	0.005	(0.005 - 5)	92	4.9	21.1
142.	Fenpropidin	0.001	0.005	(0.005 - 5)	103	5.7	23.1

143.	Fenpropimorph	0.001	0.005	(0.005 - 5)	88	5.7	29.2
144.	Fenpyrazamine	0.002	0.01	(0.01 - 5	83	9	25.0
145.	Fenthion	0.001	0.005	(0.005 - 5)	95	5.9	19.2
146.	Fenvalerate	0.001	0.005	(0.005 - 5)	94	10	39.9
147.	Fipronil	0.0005	0.001	(0.001 - 5)	106	6.6	22.1
148.	Fipronil desulfinyl	0.001	0.0025	(0.0025 - 5)	92	6.9	27.6
149.	Fipronil sulfon	0.001	0.0025	(0.0025 - 5)	99	13	25.3
150.	Fluchloralin	0.001	0.005	(0.005 - 5)	94	8.7	29.6
151.	Flucythrinate	0.001	0.005	(0.005 - 5)	89	7.6	31.1
152.	Fludioxonil	0.001	0.005	(0.005 - 5)	93	12	45.5
153.	Fluensulfone	0.002	0.01	(0.01 - 5)	81	4.3	12.0
154.	Flumetralin	0.001	0.005	(0.005 - 5)	87	5.9	41.9
155.	Flumioxazin	0.002	0.01	(0.01 - 5)	92	4	13.0
156.	Fluorodifen	0.001	0.005	(0.005 - 5)	97	11	33.7
157.	Fluotrimazole	0.001	0.005	(0.005 - 5)	99	7.7	25.6
158.	Fluquinconazole	0.001	0.005	(0.005 - 5)	91	6.8	26.1
159.	Flurprimidol	0.002	0.01	(0.01 - 5)	89	3.1	8.6
160.	Flurtamone	0.002	0.01	(0.01 - 5)	83	18	36.1
161.	Flusilazole	0.001	0.005	(0.005 - 5)	98	5	21.7
162.	Flutianil	0.002	0.01	(0.01 - 5)	77	3.6	10.0
163.	Flutriafol	0.001	0.005	(0.005 - 5)	98	8	25.0
164.	Folpet	0.001	0.005	(0.005 - 5)	92	13	41.5
165.	Fonofos	0.001	0.005	(0.005 - 5)	107	7.6	25.4
166.	Formothion	0.001	0.005	(0.005 - 5)	102	7.4	21.6
167.	Furalaxyl	0.001	0.005	(0.005 - 5)	104	6.7	20.5
168.	Furathiocarb	0.001	0.005	(0.005 - 5)	104	13	42.7
169.	Gamma-cyhalothrin	0.001	0.005	(0.005 - 5)	107	13	42.9
170.	Halfenprox	0.001	0.005	(0.005 - 5)	90	7.0	45.0
171.	Heptachlor	0.0005	0.001	(0.001 - 5)	87	6.5	31.5
172.	Heptachlor cis-epoxid	0.001	0.0025	(0.0025 - 5)	97	6.3	30.0
173.	Heptachlor trans-epoxid	0.001	0.0025	(0.0025 - 5)	103	9	17.9
174.	Heptenophos	0.001	0.005	(0.005 - 5)	102	9.1	28.0
175.	Hexachlorobenzene	0.0005	0.001	(0.001 - 5)	107	6.2	25.1
176.	Hexachlorocyclohexane (HCH), alpha	0.001	0.005	(0.005 - 5)	106	5.3	19.7
177.	Hexachlorocyclohexane (HCH), beta	0.001	0.005	(0.005 - 5)	105	7.8	24.3
178.	Hexaconazole	0.001	0.005	(0.005 - 5)	99	9.3	31.5
179.	Imazalil	0.001	0.005	(0.005 - 5)	101	13	39.3
180.	Iodofenphos	0.001	0.005	(0.005 - 5)	97	8.2	25.4
181.	Iprobenfos	0.001	0.005	(0.005 - 5)	101	11	31.9
182.	Iprodione	0.001	0.005	(0.005 - 5)	94	6.8	24.9
183.	Isocarbophos	0.001	0.005	(0.005 - 5)	109	8.8	30.3
184.	Isofenphos	0.001	0.005	(0.005 - 5)	104	6.7	21.0
185.	Isofenphos-methyl	0.001	0.005	(0.005 - 5)	96	6.5	21.1
186.	Isofetamid	0.002	0.01	(0.01 - 5)	76	2.7	7.7

187.	Kresoxim-methyl	0.001	0.005	(0.005 - 5)	104	8.5	25.1
188.	lambda-Cyhalothrin	0.001	0.005	(0.005 - 5)	99	8.4	26.6
189.	Lindane	0.001	0.005	(0.005 - 5)	102	8.1	25.9
190.	Malaoxon	0.001	0.005	(0.005 - 5)	96	6.7	21.6
191.	Malathion	0.001	0.005	(0.005 - 5)	109	5.4	23.4
192.	Mandestrobin	0.002	0.01	(0.01 - 5)	77	4.2	12.0
193.	Mecarbam	0.001	0.005	(0.005 - 5)	103	7.6	23.7
194.	Mepanipyrim	0.001	0.005	(0.005 - 5)	94	10	31.9
195.	Mepronil	0.001	0.005	(0.005 - 5)	97	9.3	31.0
196.	Metalaxyl	0.001	0.005	(0.005 - 5)	100	12	36.5
197.	Metazachlor	0.001	0.005	(0.005 - 5)	107	7.1	24.8
198.	Metconazole	0.001	0.005	(0.005 - 5)	106	8	25.8
199.	Methacrifos	0.001	0.005	(0.005 - 5)	110	6.4	26.4
200.	Methidathion	0.001	0.005	(0.005 - 5)	106	5.1	19.3
201.	Methoxychlor	0.001	0.005	(0.005 - 5)	101	11	32.8
202.	Metolachlor	0.001	0.005	(0.005 - 5)	108	4.4	20.5
203.	Metribuzin	0.001	0.005	(0.005 - 5)	110	5.5	25.0
204.	Mevinphos	0.001	0.005	(0.005 - 5)	92	11	34.9
205.	Molinate	0.002	0.01	(0.01 - 5)	94	6.2	17.0
206.	Myclobutanil	0.001	0.005	(0.005 - 5)	99	6.7	23.8
207.	Nitralin	0.001	0.005	(0.005 - 5)	87	5.7	40.3
208.	Nitrapyrin	0.001	0.005	(0.005 - 5)	92	8	27.8
209.	Nitrofen	0.0005	0.001	(0.001 - 5)	87	9.1	36.1
210.	Nitrothal isopropyl	0.001	0.005	(0.005 - 5)	90	7.3	39.2
211.	Nuarimol	0.001	0.005	(0.005 - 5)	92	10	30.2
212.	Oxadiazon	0.002	0.01	(0.01 - 5)	92	3.2	9.0
213.	Oxadixyl	0.001	0.005	(0.005 - 5)	106	4.7	18.2
214.	Oxyfluorfen	0.001	0.005	(0.005 - 5)	101	8	24.9
215.	Paclobutrazol	0.001	0.005	(0.005 - 5)	85	6.7	35.8
216.	Parathion	0.001	0.005	(0.005 - 5)	101	11	30.3
217.	Parathion-methyl	0.001	0.005	(0.005 - 5)	101	6.5	20.6
218.	Penconazole	0.001	0.005	(0.005 - 5)	104	6.2	19.3
219.	Pencycuron	0.001	0.005	(0.005 - 5)	99	7.7	24.1
220.	Pendimethalin	0.001	0.005	(0.005 - 5)	103	11	32.2
221.	Penflufen	0.002	0.01	(0.01 - 5)	91	4	11.0
222.	Pentachloroaniline	0.002	0.01	(0.01 - 5)	96	11	31.0
223.	Permethrin	0.001	0.005	(0.005 - 5)	89	8.5	32.9
224.	Perthane (Ethylan)	0.001	0.005	(0.005 - 5)	100	3.6	15.7
225.	Pethoxamid	0.001	0.005	(0.005 - 5)	89	3	10.0
226.	Phenthoate	0.001	0.005	(0.005 - 5)	97	3.8	21.1
227.	Phorate	0.001	0.005	(0.005 - 5)	103	6.3	22.2
228.	Phorate sulfone	0.001	0.01	(0.01 - 5)	90	16	32.8
229.	Phorate sulfoxide	0.001	0.005	(0.005 - 5)	102	7.7	23.2
230.	Phosalone	0.001	0.005	(0.005 - 5)	89	6.8	29.0

231.	Phosmet	0.001	0.005	(0.005 - 5)	84	4.6	34.8
232.	Phosphamidon	0.001	0.005	(0.005 - 5)	91	10	34.0
233.	Phthalimide	0.001	0.005	(0.005 - 5)	100	7.8	22.7
234.	Picolinafen	0.001	0.005	(0.005 - 5)	106	8.9	32.8
235.	Picoxystrobin	0.001	0.005	(0.005 - 5)	107	9.7	30.7
236.	Piperonyl butoxide	0.001	0.005	(0.005 - 5)	101	14	41.0
237.	Piperophos	0.001	0.005	(0.005 - 5)	94	7.9	33.7
238.	Pirimicarb	0.001	0.005	(0.005 - 5)	105	5.7	19.1
239.	Pirimicarb desmethyl	0.001	0.005	(0.005 - 5)	90	7.2	29.2
240.	Pirimiphos-ethyl	0.002	0.01	(0.01 - 5)	83	4	10.0
241.	Pirimiphos-methyl	0.001	0.005	(0.005 - 5)	107	6.4	23.2
242.	Procymidone	0.001	0.005	(0.005 - 5)	101	4.7	16.9
243.	Profenofos	0.001	0.005	(0.005 - 5)	86	6.5	32.7
244.	Profluralin	0.001	0.005	(0.005 - 5)	101	6.2	20.3
245.	Prometon	0.001	0.005	(0.005 - 5)	102	11	34.6
246.	Prometryn	0.001	0.005	(0.005 - 5)	103	6.3	19.4
247.	Propachlor	0.001	0.005	(0.005 - 5)	96	9.5	29.9
248.	Propargite	0.001	0.005	(0.005 - 5)	92	5.5	22.8
249.	Propazine	0.001	0.005	(0.005 - 5)	101	5.3	15.8
250.	Propetamphos	0.001	0.005	(0.005 - 5)	98	10	30.6
251.	Propham	0.001	0.005	(0.005 - 5)	106	6	20.7
252.	Propiconazole	0.001	0.005	(0.005 - 5)	96	12	36.3
253.	Propyzamide	0.001	0.005	(0.005 - 5)	101	3.5	15.6
254.	Prothioconazole destio	0.001	0.005	(0.005 - 5)	94	6.6	22.1
255.	Prothiofos	0.001	0.005	(0.005 - 5)	94	9.2	28.9
256.	Pyraclostrobin	0.001	0.005	(0.005 - 5)	92	12	37.7
257.	Pyrazophos	0.001	0.005	(0.005 - 5)	91	4.4	31.2
258.	Pyrethrins	0.01	0.05	(0.05 - 5)	87	7.1	34.0
259.	Pyridaben	0.001	0.005	(0.005 - 5)	103	6.1	22.3
260.	Pyridalyl	0.002	0.01	(0.01 - 5)	90	8	23.0
261.	Pyridaphenthion	0.002	0.01	(0.01 - 5)	82	7.4	21.0
262.	Pyrifenox	0.001	0.005	(0.005 - 5)	95	8.3	30.8
263.	Pyrimethanil	0.001	0.005	(0.005 - 5)	101	3.6	14.6
264.	Pyriofenone	0.002	0.01	(0.01 - 5)	76	4	11.0
265.	Pyriproxyfen	0.001	0.005	(0.005 - 5)	92	9	30.7
266.	Pyroquilon	0.001	0.005	(0.005 - 5)	97	12	40.5
267.	Quinalphos	0.001	0.005	(0.005 - 5)	105	11	34.9
268.	Quinoxyfen	0.001	0.005	(0.005 - 5)	104	5.9	18.4
269.	Quintozene	0.001	0.005	(0.005 - 5)	105	11	36.1
270.	Resmethrin	0.001	0.005	(0.005 - 5)	91	7.6	29.9
271.	Silafluofen	0.002	0.01	(0.01 - 5)	88	3.5	9.8
272.	Simazine	0.002	0.01	(0.01 - 5)	100	11	33.0
273.	Spiromesifen	0.001	0.005	(0.005 - 5)	101	8.3	24.7
274.	Sulfotep	0.001	0.005	(0.005 - 5)	101	10	30.2

275.	tau-Fluvalinate	0.001	0.005	(0.005 - 5)	95	11	35.5
276.	Tebuconazole	0.001	0.005	(0.005 - 5)	90	11	36.6
277.	Tebufenpyrad	0.001	0.005	(0.005 - 5)	105	4.4	29.0
278.	Tecnazene	0.001	0.005	(0.005 - 5)	104	6.7	20.5
279.	Tefluthrin	0.001	0.005	(0.005 - 5)	101	2.9	12.5
280.	Terbacil	0.001	0.005	(0.005 - 5)	94	5.2	21.4
281.	Terbufos	0.0005	0.001	(0.001 - 5)	104	3.7	15.3
282.	Terbutryn	0.001	0.005	(0.005 - 5)	98	2.8	12.5
283.	Tetrachlorvinphos	0.001	0.005	(0.005 - 5)	88	12	40.7
284.	Tetraconazole	0.001	0.005	(0.005 - 5)	90	7.6	28.9
285.	Tetradifon	0.001	0.005	(0.005 - 5)	97	5	17.9
286.	Tetrahydrophthalimide	0.001	0.005	(0.005 - 5)	102	13	39.7
287.	Tetramethrin	0.001	0.005	(0.005 - 5)	90	5.2	16.5
288.	Tetrasul	0.001	0.005	(0.005 - 5)	96	5.6	18.1
289.	Thiobencarb	0.002	0.01	(0.01 - 5)	95	9.4	18.8
290.	Tolclofos-methyl	0.001	0.005	(0.005 - 5)	101	8.2	23.3
291.	Tolylfluanid	0.001	0.005	(0.005 - 5)	85	7.9	37.9
292.	Triadimefon	0.001	0.005	(0.005 - 5)	97	5.3	26.9
293.	Triadimenol	0.001	0.005	(0.005 - 5)	84	7.6	39.1
294.	Tri-allate	0.001	0.005	(0.005 - 5)	102	5.8	19.0
295.	Triazophos	0.001	0.005	(0.005 - 5)	100	9.8	29.5
296.	Trifloxystrobin	0.001	0.005	(0.005 - 5)	95	4.7	18.6
297.	Triflumizole	0.001	0.005	(0.005 - 5)	92	5.8	26.5
298.	Trifluralin	0.001	0.005	(0.005 - 5)	104	4.4	15.6
299.	Vinclozolin	0.001	0.005	(0.005 - 5)	103	4.5	16.8
MULTI LC METHOD							
1.	Avermectin	0.002	0.01	(0.01-2)	93	14.0	44.0
2.	Acephate	0.002	0.01	(0.01-2)	86	7.9	35.8
3.	Acetamiprid	0.001	0.005	(0.005-2)	91	3.0	19.1
4.	Aclonifen	0.0025	0.01	(0.01-1)	104	8.7	34.9
5.	Aldicarb	0.002	0.01	(0.01-2)	97	3.5	11.7
6.	Aldicarb sulfone	0.005	0.01	(0.01-2)	105	3.2	19.3
7.	Aldicarb sulfoxide	0.001	0.01	(0.01-2)	95	2.5	13.1
8.	Ametoctradin	0.001	0.005	(0.005-2)	91	5.5	24.0
9.	Amidosulfuron	0.001	0.005	(0.005-2)	80	3.5	41.3
10.	Amisulbrom	0.0025	0.01	(0.01-1)	100	6.2	21.8
11.	Azadirachtin	0.002	0.01	(0.01-2)	82	13.0	46.0
12.	Aziprotryne	0.0025	0.01	(0.01-1)	102	3.8	17.5
13.	Azoxystrobin	0.001	0.005	(0.005-2)	91	4.7	27.1
14.	BAC C10	0.002	0.01	(0.01-2)	101	5.0	12.0
15.	BAC C12	0.002	0.01	(0.01-2)	99	5.0	15.0
16.	BAC C14	0.002	0.01	(0.01-2)	82	5.0	41.0
17.	BAC C8	0.002	0.01	(0.01-2)	95	3.0	14.0
18.	Beflubutamid	0.0025	0.01	(0.01-1)	103	3.7	16.7

19.	Bendiocarb	0.0025	0.01	(0.01-1)	103	5.3	19.3
20.	Benthiavalicarb isopropyl	0.0025	0.01	(0.01-1)	102	2.5	20.8
21.	Benzovindiflupyr	0.001	0.005	(0.005-2)	110	7.0	27.0
22.	Bixafen	0.0025	0.01	(0.01-1)	105	4.8	29.3
23.	Boscalid	0.002	0.005	(0.005-2)	89	5.2	27.1
24.	Bromacil	0.0025	0.01	(0.01-1)	102	2.5	14.4
25.	Bromuconazole	0.004	0.01	(0.01-2)	97	7.1	21.0
26.	Cadusafos	0.001	0.0025	(0.0025-0.5)	94	3.5	16.2
27.	Carbaryl	0.0005	0.005	(0.005-2)	97	4.9	15.4
28.	Carbendazim	0.001	0.005	(0.005-2)	94	3.8	16.3
29.	Carbetamide	0.0025	0.01	(0.01-1)	101	2.5	15.1
30.	Carbofuran	0.0005	0.005	(0.005-2)	98	2.9	14.9
31.	Carbofuran 3-hydroxy	0.001	0.005	(0.005-2)	103	6.7	19.8
32.	Carbofuran 3-keto	0.001	0.01	(0.01-2)	98	3.0	17.0
33.	Carfentrazone-ethyl	0.002	0.01	(0.01-2)	102	10.0	21.0
34.	Chlorantraniliprole	0.001	0.005	(0.005-2)	96	5.3	18.7
35.	Chloridazon	0.001	0.005	(0.005-2)	97	3.2	15.5
36.	Chlorotoluron	0.001	0.005	(0.005-2)	100	3.7	11.1
37.	Chlorpyrifos	0.0025	0.01	(0.01-1)	103	3.0	23.3
38.	Chlorsulfuron	0.002	0.005	(0.005-2)	76	2.9	48.5
39.	Chromafenozide	0.0025	0.01	(0.01-1)	103	2.2	16.2
40.	Clodinafop propargyl	0.002	0,01	(0.01-2)	96	3.9	16.0
41.	Clofentezine	0.0005	0,005	(0.005-2)	95	3.7	14.1
42.	Clothianidin	0.002	0,01	(0.01-2)	103	4.3	16.4
43.	Cyantraniliprole	0.002	0,01	(0.01-2)	84	16.0	36.0
44.	Cyazofamid	0.001	0.005	(0.005-2)	97	3.3	11.0
45.	Cycloxydim	0.001	0.005	(0.005-2)	96	3.2	11.9
46.	Cyflufenamid	0.001	0.005	(0.005-2)	93	3.6	17.9
47.	Cyflumetofen	0.001	0.005	(0.005-2)	108	7.0	19.0
48.	Cymiazol	0.0025	0.01	(0.01-1)	100	2.9	21.6
49.	Cymoxanil	0.001	0.005	(0.005-2)	98	3.0	9.2
50.	Cyproconazole	0.002	0.01	(0.01-2)	101	3.0	13.3
51.	DDAC C8	0.002	0.01	(0.01-2)	102	5.0	15.0
52.	DEET	0.002	0.01	(0.01-2)	100	7.9	22.7
53.	Demeton-S-methyl	0.001	0.0025	(0.0025-0.5)	93	9.7	17.1
54.	Demeton-S-methyl-sulphone	0.001	0.0025	(0.0025-0.5)	94	3.9	15.8
55.	Demeton-S-methyl-sulphoxide	0.001	0.0025	(0.0025-0.5)	92	7.0	25.5
56.	Desmedipham	0.001	0.01	(0.01-2)	97	3.0	10.6
57.	Dicrotophos	0.0025	0.01	(0.01-1)	100	2.6	13.4
58.	Diethofencarb	0.0005	0.005	(0.005-2)	101	2.0	8.4
59.	Diflubenzuron	0.002	0.005	(0.005-2)	94	7.5	30.2
60.	Diflufenican	0.0025	0.01	(0.01-1)	101	3.3	26.0
61.	Dimethenamid	0.001	0.005	(0.005-2)	100	8.0	17.0
62.	Dimethoate	0.001	0.005	(0.005-2)	97	5.5	17.6

63.	Dinoterfuran	0.002	0.01	(0.01-2)	103	6.0	13.0
64.	Disulfoton	0.002	0.01	(0.01-2)	82	4.1	47.0
65.	Disulfoton sulfon	0.001	0.005	(0.005-2)	96	4.0	14.2
66.	Disulfoton sulfoxide	0.001	0.005	(0.005-2)	96	4.0	15.0
67.	Diuron	0.0025	0.01	(0.01-1)	102	3.1	12.4
68.	DMF	0.0005	0.005	(0.005-2)	100	6.3	18.2
69.	DMPF	0.0005	0.005	(0.005-2)	92	2.9	18.9
70.	Emamectin	0.0025	0.01	(0.01-1)	103	2.8	22.5
71.	Ethametsulfuron-methyl	0.001	0.005	(0.005-2)	96	8.0	20.0
72.	Ethiofencarb	0.0025	0.01	(0.01-1)	101	3.0	12.4
73.	Ethirimol	0.0025	0.01	(0.01-1)	94	2.9	18.6
74.	Etoxazole	0.0005	0.005	(0.005-2)	88	3.6	25.4
75.	Famoxadone	0.0025	0.01	(0.01-1)	100	4.1	30.9
76.	Fenamidone	0.001	0.005	(0.005-2)	94	3.2	15.6
77.	Fenamiphos	0.001	0.005	(0.005-2)	94	3.3	15.9
78.	Fenamiphos sulfoxide	0.0005	0.005	(0.005-2)	96	2.0	10.6
79.	Fenamiphos sulphone	0.001	0.005	(0.005-2)	99	3.0	10.4
80.	Fenbuconazole	0.002	0.005	(0.005-2)	102	10.3	33.7
81.	Fenfuram	0.0025	0.01	(0.01-1)	104	3.0	16.5
82.	Fenhexamid	0.0025	0.01	(0.01-1)	94	5.3	18.9
83.	Fenobucarb	0.0025	0.01	(0.01-1)	102	4.1	15.1
84.	Fenoxaprop-P-ethyl	0.0005	0.005	(0.005-2)	96	2.6	12.8
85.	Fenpropidin	0.0025	0.01	(0.01-1)	102	2.7	16.5
86.	Fenpropimorph	0.001	0.005	(0.005-2)	98	3.8	12.0
87.	Fenpyroximate	0.0005	0.005	(0.005-2)	99	3.7	15.7
88.	Fensulfothion	0,001	0.0025	(0.0025-0.5)	92	4.7	20.3
89.	Fensulfothion oxon	0.001	0.0025	(0.0025-0.5)	92	4	19.6
90.	Fensulfothion oxon sulphone	0.001	0.0025	(0.0025-0.5)	99	5.7	16.4
91.	Fensulfothion sulphone	0.001	0.0025	(0.0025-0.5)	94	4.8	18.7
92.	Fenthion	0.0025	0.01	(0.01-1)	103	9.7	39.5
93.	Fenthion oxon	0.002	0.01	(0.01-2)	92	2.8	17
94.	Fenthion oxon sulphone	0.002	0.01	(0.01-2)	88	2.4	25
95.	Fenthion sulfoxide	0.0025	0.01	(0.01-1)	105	3.2	14.3
96.	Fenthion sulphone	0.002	0.01	(0.01-2)	91	3.5	20.0
97.	Flazasulfuron	0.001	0.005	(0.005-2)	96	8.0	20.0
98.	Flonicamid	0.001	0.005	(0.005-2)	94	2.7	15.1
99.	Florasulam	0.002	0.01	(0.01-2)	84	5.0	43.0
100.	Flufenacet	0.001	0.005	(0.005-2)	99	3.4	10.6
101.	Flufenoxuron	0.001	0.005	(0.005-2)	92	5.9	29.6
102.	Fluopicolide	0.001	0.005	(0.005-2)	99	8.0	16.0
103.	Fluopyram	0.001	0.005	(0.005-2)	101	4.0	11.0
104.	Fluoxastrobin	0.001	0.005	(0.005-2)	100	7.0	22.5
105.	Flupyradifurone	0.002	0.01	(0.01-2)	81	19.0	39.0
106.	Flurochloridone	0.005	0.01	(0.01-2)	96	9.2	27.6

107.	Flutianil	0.002	0.01	(0.01-2)	90	4.6	24.0
108.	Flutolanil	0.001	0.005	(0.005-2)	98	2.0	6.6
109.	Flutriafol	0.001	0.01	(0.01-2)	99	3.0	9.4
110.	Fluxapyroxad	0.0025	0.01	(0.01-1)	102	5.5	19.3
111.	Foramsulfuron	0.001	0.005	(0.005-2)	82	12.8	46.0
112.	Formetanate	0.001	0.01	(0.01-2)	101	4.2	16.9
113.	Fosthiazate	0.0025	0.01	(0.01-1)	102	2.9	10.0
114.	Fuberidazole	0.001	0.005	(0.005-2)	95	2.7	15.0
115.	Halofenozide	0.002	0.01	(0.01-2)	96	2.4	20.0
116.	Hexaflumuron	0.001	0.005	(0.005-2)	102	9.0	21.0
117.	Hexytiazox	0.001	0.005	(0.005-2)	97	3.8	12.5
118.	Imazalil	0.001	0.01	(0.01-2)	98	1.7	8.4
119.	Imazapic	0.002	0.01	(0.01-2)	101	5.0	16.0
120.	Imidacloprid	0.001	0.01	(0.01-2)	99	3.2	10.0
121.	Indoxacarb	0.001	0.005	(0.005-2)	100	5.4	16.3
122.	Iodosulfuron methyl	0.0025	0.01	(0.01-1)	84	4.5	34.6
123.	Ipconazole	0.0025	0.01	(0.01-1)	98	5.4	21.0
124.	Iprovalicarb	0.001	0.005	(0.005-2)	94	3.4	16.0
125.	Isofetamid	0.002	0.01	(0.01-2)	100	2.3	17.0
126.	Isoprocarb	0.0025	0.01	(0.01-1)	103	3.0	20.0
127.	Isoprothiolane	0.0025	0.01	(0.01-1)	101	9.3	18.0
128.	Isoproturon	0.001	0.005	(0.005-2)	99	2.5	10.2
129.	Isopyrazam	0.001	0.005	(0.005-2)	98	1.7	13.9
130.	Isoxaben	0.001	0.005	(0.005-2)	110	5.0	26.0
131.	Isoxaflutole	0.001	0.005	(0.005-2)	97	14.0	29.0
132.	Isoxathion	0.001	0.005	(0.005-2)	110	6.0	26.0
133.	Lenacil	0.001	0.01	(0.01-2)	93	5.2	20.4
134.	Linuron	0.001	0.005	(0.005-2)	98	8.0	24.4
135.	Lufenuron	0.002	0.01	(0.01-2)	86	11.0	44.0
136.	Malaoxon	0.001	0.005	(0.005-2)	96	2.1	15.1
137.	Malathion	0.001	0.01	(0.01-2)	102	4.2	13.6
138.	Mandipropamid	0.001	0.005	(0.005-2)	93	2.7	16.1
139.	Metaflumizone	0.002	0.01	(0.01-2)	100	9.0	26.0
140.	Metalaxyl	0.0005	0.005	(0.005-2)	98	2.8	10.8
141.	Metamitron	0.002	0.01	(0.01-2)	94	2.7	13.7
142.	Metazachlor	0.002	0.01	(0.01-2)	94	2.3	16.0
143.	Methamidophos	0.002	0.01	(0.01-2)	93	2.6	15.7
144.	Methiocarb	0.0005	0.005	(0.005-2)	102	3.4	10.9
145.	Methiocarb sulphone	0.001	0.01	(0.01-2)	92	6.3	23.8
146.	Methiocarb sulphoxide	0.0005	0.005	(0.005-2)	93	1.8	15.4
147.	Methomyl	0.001	0.01	(0.01-2)	99	3.6	10.6
148.	Methoprotryne	0.002	0.01	(0.01-2)	112	5.0	26.0
149.	Methoxyfenozide	0.002	0.005	(0.005-2)	100	2.2	9.3
150.	Metobromuron	0.002	0.01	(0.01-2)	100	5.0	13.0

151.	Metolachlor-S	0.001	0.005	(0.005-2)	93	4.9	19.5
152.	Metosulam	0.0025	0.01	(0.01-2)	92	13.7	44
153.	Metoxuron	0.0025	0.01	(0.01-1)	101	2.4	11.4
154.	Metrafenone	0.001	0.005	(0.005-2)	99	3.2	10.1
155.	Metsulfuron-methyl	0.002	0.005	(0.005-2)	79	4.9	44.9
156.	Monocrotophos	0.001	0.005	(0.005-2)	100	3.7	13.3
157.	Monuron	0.0025	0.01	(0.01-1)	105	4.9	18.1
158.	Napropamide	0.001	0.005	(0.005-2)	98	4.1	13.8
159.	Nicosulfuron	0.001	0.005	(0.005-2)	88	11.0	32.0
160.	Nicotine	0.0025	0.01	(0.01-2)	93	8.2	26.9
161.	Nitenpyram	0.002	0.01	(0.01-2)	106	8.0	18.0
162.	Novaluron	0.001	0.005	(0.005-2)	99	14.0	35.0
163.	Omethoate	0.001	0.0025	(0.0025-2)	90	7.4	28.6
164.	Oxadixyl	0.001	0.005	(0.005-2)	97	3.2	12.5
165.	Oxamyl	0.001	0.005	(0.005-2)	93	1.8	14.6
166.	Oxycarboxin	0.0025	0.01	(0.01-1)	100	2.8	12.6
167.	Paraoxon-methyl	0.001	0.005	(0.005-2)	101	3.5	10.2
168.	Parathion	0.001	0.01	(0.01-2)	100	8.6	27.5
169.	Parathion-methyl	0.0025	0.01	(0.01-1)	100	11.7	33.7
170.	Pencycuron	0.001	0.005	(0.005-2)	96	5.7	19.7
171.	Pendimethalin	0.002	0.005	(0.005-2)	102	2.0	13.2
172.	Penflufen	0.002	0.01	(0.01-2)	117	6.0	35.0
173.	Penthiopyrad	0.0025	0.01	(0.01-1)	103	3.7	14.3
174.	Pethoxamid	0.0025	0.01	(0.01-0.5)	94	6.1	20.5
175.	Phenmedipham	0.001	0.01	(0.01-2)	97	4.4	14.1
176.	Phenthoate	0.001	0.005	(0.005-2)	96	3.0	12.0
177.	Phosmet	0.001	0.005	(0.005-2)	97	2.8	10.0
178.	Phosmet okson	0.002	0.01	(0.01-2)	109	7.7	27.6
179.	Phoxim	0.002	0.01	(0.01-2)	104	8.0	22.0
180.	Pinoxaden	0.0005	0.005	(0.005-2)	92	3.7	19.6
181.	Piperonyl butoxide	0.0025	0.01	(0.01-1)	103	2.5	16.3
182.	Prochloraz	0.001	0.005	(0.005-2)	98	2.7	8.5
183.	Prochloraz BTS 44595	0.0025	0.01	(0.01-1)	104	3.0	21.6
184.	Prochloraz BTS 44596	0.0025	0.01	(0.01-1)	101	3.4	14.8
185.	Propamocarb	0.001	0.005	(0.005-2)	80	3.8	42.1
186.	Propaquizafop	0.001	0.005	(0.005-2)	98	3.1	11.5
187.	Propoxur	0.0025	0.01	(0.01-1)	101	2.6	14.9
188.	Propoxycarbazone	0.0025	0.01	(0.01-1)	85	4.6	33.0
189.	Proquinazid	0.001	0.005	(0.005-2)	97	1.3	10.2
190.	Prosulfocarb	0.001	0.005	(0.005-2)	96	2.8	15.7
191.	Prosulfuron	0.001	0.005	(0.005-2)	94	19.0	36.0
192.	Pymetrozine	0.005	0.02	(0.02-2)	79	2.8	49
193.	Pyridaben	0.001	0.005	(0.005-2)	93	2.7	15.8
194.	Pyridafol	0.002	0.01	(0.01-2)	79	3.9	47

195.	Pyrifenox	0.002	0.01	(0.01-2)	92	80	27.0
196.	Pyriproxyfen	0.0025	0.01	(0.01-1)	104	2.7	16.7
197.	Pyroquilon	0.0025	0.01	(0.01-1)	101	2.3	11.5
198.	Pyroxsulam	0.001	0.005	(0.005-2)	94	7.0	18.0
199.	Quinclorac	0.002	0.01	(0.01-2)	114	17.0	38.0
200.	Quinoclanmine	0.0025	0.01	(0.01-1)	105	5.2	26.8
201.	Quizalofop-ethyl	0.001	0.005	(0.005-2)	96	2.2	11.8
202.	Rimsulfuron	0.001	0.01	(0.01-2)	84	4.2	44.7
203.	Rotenone	0.0025	0.01	(0.01-1)	103	3.5	27.0
204.	Saflufenacil	0.001	0.005	(0.005-2)	102	12.0	26.0
205.	Silthiofam	0.001	0.005	(0.005-2)	95	6.2	20.4
206.	Spinetoram	0.0025	0.01	(0.01-1)	102	2.6	22.0
207.	Spinosyn A	0.001	0.005	(0.005-2)	94	2.5	13.5
208.	Spinosyn D	0.001	0.005	(0.005-2)	95	1.9	13.7
209.	Spirodiclofen	0.001	0.005	(0.005-2)	92	2.5	17.7
210.	Spirotetramat	0.001	0.005	(0.005-2)	95	3.5	15.8
211.	Spirotetramat enol	0.001	0.005	(0.005-2)	78	3.9	48.1
212.	Spirotetramat enol-glucoside	0,002	0.005	(0.005-2)	85	3.9	42.0
213.	Spirotetramat ketohydroxy	0.001	0.005	(0.005-2)	92	9.4	18.7
214.	Spirotetramat monohydroxy	0.001	0.005	(0.005-2)	94	5.4	19.4
215.	Spiroxamine	0.001	0.005	(0.005-2)	94	2.7	14.4
216.	Sulfometuron methyl	0.002	0.005	(0.005-2)	77	3.5	47.4
217.	Sulfosulfuron	0.0025	0.01	(0.01-1)	90	4.4	25.8
218.	Sulfoxaflor	0.002	0.01	(0.01-2)	97	12.0	10.0
219.	Tebuconazole	0.002	0.01	(0.01-2)	97	7.3	24.4
220.	Tebufenozide	0.001	0.005	(0.005-2)	93	2.5	17.1
221.	Tebufenpyrad	0.001	0.005	(0.005-2)	99	5.4	17.0
222.	Teflubenzuron	0.005	0.01	(0.01-2)	93	6.7	23.7
223.	Tepraloxydim	0.005	0.01	(0.01-2)	97	6.5	19.6
224.	Terbufos	0.0025	0.01	(0.01-0.5)	94	6.1	21.0
225.	Terbufos oxon	0.002	0.01	(0.01-2)	85	3.0	32.0
226.	Terbufos sulphone	0.0025	0.01	(0.01-0.5)	93	5.9	21.9
227.	Terbufos sulphoxide	0.001	0.005	(0.005-2)	93	7.8	26.7
228.	Terbuthylazine	0.001	0.005	(0.005-2)	97	2.2	9.4
229.	Thiabendazole	0.001	0.005	(0.005-2)	93	1.7	15.5
230.	Thiacloprid	0.001	0.005	(0.005-2)	98	2.0	9.7
231.	Thiamethoxam	0.001	0.005	(0.005-2)	97	2.2	12.5
232.	Thiencarbazone-methyl	0.001	0.005	(0.005-2)	97	14.0	33.0
233.	Thifensulfuron-methyl	0.002	0.01	(0.01-2)	76	4.0	49.0
234.	Thiodicarb	0.0005	0.005	(0.005-2)	93	2.7	15.7
235.	Thiometon	0.0025	0.01	(0.01-1)	96	7.2	22.0
236.	Thiophanate-methyl	0.001	0.005	(0.005-2)	97	1.9	10.6
237.	Tolfenpyrad	0.002	0.01	(0.01-2)	80	2.0	39.0
238.	Topramezone	0.002	0.01	(0.01-2)	98	5.0	11.0

239.	Tralkoxydim	0.0025	0.01	(0.01-1)	92	3.3	22.0
240.	Trichlorfon	0.002	0.01	(0.01-2)	96	9.0	24.0
241.	Tricyclazole	0.0025	0.01	(0.01-1)	97	2.4	15.8
242.	Tridemorph	0.002	0.01	(0.01-2)	89	7.0	31.0
243.	Triflumizole	0.002	0.01	(0.01-2)	88	3.6	26.0
244.	Triflumuron	0.002	0.01	(0.01-2)	100	13.0	25.0
245.	Triflusulfuron methyl	0.0025	0.01	(0.01-0.5)	83	4.0	35.5
246.	Triticonazole	0.001	0.01	(0.01-2)	105	8.6	28.9
247.	Tritosulfuron	0.002	0.01	(0.01-2)	89	4.0	25.0
248.	Zoxamide	0.001	0,005	(0.005-2)	95	3.2	15.6
SUB-METHOD 1							
1.	Cyhexatin	0.001	0.005	0.005-1	79,2	10.03	28.37
2.	Dithianon	0.001	0.005	0.005-0.5	102,3	3.96	11.21
3.	Dodine	0.001	0.005	0.005-1	85,6	7.77	21.97
4.	Fentin	0.001	0.0025	0.0025-1	86,1	5.76	16.29
5.	Flonicamid	0.001	0.005	0.005-1	86,5	2.64	7.48
6.	TFNA	0.001	0.005	0.005-1	84,7	5.34	15.12
7.	TFNA-AM	0.001	0.005	0.005-1	83,9	10.25	29.00
8.	TFNG	0.001	0.005	0.005-1	84,07	3.58	10.12
9.	Fenbutatin oxide	0.001	0.005	0.005-1	107,8	4.12	11.65
SUB-METHOD 2							
1.	2,4,5-T	0.0025	0.01	(0.01 - 0.5)	98	3.93	11
2.	2,4,5-TP (Fenoprop)	0.0025	0.01	(0.01 - 0.5)	96	3.35	9
3.	2,4-D	0.0025	0.01	(0.01 - 0.5)	102	2.90	8
4.	2,4-DB	0.0025	0.01	(0.01 - 0.5)	98	5.42	15
5.	Acibenzolar acid	0.0025	0.01	(0.01 - 0.5)	89	3.19	9
6.	Acifluorfen	0.0025	0.01	(0.01 - 0.5)	88	5.30	15
7.	Aminopyralid	0.0025	0.01	(0.01 - 0.5)	81	4.16	12
8.	Bentazone	0.0025	0.01	(0.01 - 0.5)	95	3.88	11
9.	Bromacil	0.0025	0.01	(0.01 - 0.5)	102	6.70	19
10.	Bromoxynil	0.0025	0.01	(0.01 - 0.5)	94	4.75	13
11.	Clopyralid	0.0025	0.01	(0.01 - 0.5)	85	2.91	8
12.	Dichlorprop	0.0025	0.01	(0.01 - 0.5)	98	3.33	9
13.	Diflufenzopyr	0.0025	0.01	(0.01 - 0.5)	91	5.20	15
14.	Dicamba	0.0025	0.01	(0.01 - 0.5)	93	3.68	10
15.	Diclofop	0.0025	0.01	(0.01 - 0.5)	92	6.78	19
16.	Fenoxaprop-P	0.0025	0.01	(0.01 - 0.5)	93	5.52	16
17.	Fluazifop	0.0025	0.01	(0.01 - 0.5)	98	3.16	9
18.	Fluroxypyr	0.0025	0.01	(0.01 - 0.5)	92	6.17	17
19.	Haloxyfop	0.0025	0.01	(0.01 - 0.5)	95	3.33	9
20.	Imazamox	0.0025	0.01	(0.01 - 0.5)	98	2.20	6
21.	Imazapyr	0.0025	0.01	(0.01 - 0.5)	81	3.30	13
22.	Imazethapyr	0.0025	0.01	(0.01 - 0.5)	92	4.42	13

23.	Ioxynil	0.0025	0.01	(0.01 - 0.5)	96	3.82	11
24.	MCPA	0.0025	0.01	(0.01 - 0.5)	94	4.15	12
25.	MCPB	0.0025	0.01	(0.01 - 0.5)	99	3.43	10
26.	Mecoprop	0.0025	0.01	(0.01 - 0.5)	95	4.19	12
27.	Picloram	0.0025	0.01	(0.01 - 0.5)	88	3.82	11
28.	Triasulfuron	0.0025	0.01	(0.01 - 0.5)	99	2.66	8
29.	Tribenuron Methyl	0.0025	0.01	(0.01 - 0.5)	83	7.63	22
30.	Triclopyr	0.0025	0.01	(0.01 - 0.5)	97	4.98	14
31.	Trinexapac	0.0025	0.01	(0.01 - 0.5)	86	5.19	15
32.	Quinmerac	0.0025	0.01	(0.01 - 0.5)	81	4.70	13
33.	Quizalofop	0.0025	0.01	(0.01 - 0.5)	98	4.17	12
DITIOCARBAMATES							
1.	Ditiocarbamates	0.002	0.005	0,005-75	88	10	31.1
QuPPE							
1.	Glyphosate	0.0025	0.01	(0.01 - 10)	106	4.3	12.3
2.	Trimethyl-sulfonium cation, resulting from the use of glyphosate	0.0025	0.01	(0.01 - 10)	109	3.2	9.0
3.	Ethephon	0.0025	0.01	(0.01 - 10)	104	2.2	6.2
4.	Glufosinate	0.005	0.025	(0.025 - 10)	96,1	4.17	11.8
5.	3-[hydroxy(methyl)phosphinoyl]propionic acid (MPP)	0.005	0.025	(0.025 - 10)	99	1.81	5.1
6.	N-acetyl-glufosinate (NAG)	0.005	0.025	(0.025 - 10)	92,7	3	8.5
7.	Phosphonic acid and its salts expressed as phosphonic acid	0.02	0.1	(0.1 - 20)	87	2.82	8.0
8.	Fosetyl	0.002	0.01	(0.01 - 20)	98	3.26	9.0
9.	Bromide ion	0.05	0.2	(0.2 - 20)	94	3.74	11.0
10.	Chlorate	0.002	0.01	(0.01 - 20)	93	3.25	9.0
11.	Perchlorate	0.002	0.01	(0.01 - 20)	100	5.75	16.0