Schedule of Accreditation

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United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

UKAS TESTING **10852** **Accredited to ISO/IEC 17025:2017**	**i2 FAST Limited trading as Normec i2 Fast** **Issue No:** 028 **Issue date:** 12 October 2026	
	Maxted House **13 Maxted Road** **Hemel Hempstead** **Hertfordshire** **HP2 7DX**	**Contact: Dr Claire Stone** **Tel: +44 (0)1442 371720** **Fax: +44 (0)1442 371720** **E-Mail: c.stone@i2analytical.com** **Website: www.i2fast.com**

Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Maxted House 13, Maxted Road Hemel Hempstead Hertfordshire HP2 7DX	**Local contact** Dr Claire Stone Tel: 44 (0) 1442 371720 E-Mail: c.stone@i2analytical.com	Pesticide Residue Analysis of Food and Foodstuffs Microbiology Analysis of Food and Water	E
Address ul. Pionerów 39 41-711 Ruda Ślaska Poland	**Local contact** Mrs Anna Dienst Tel: 00 48 323 426 011 E-Mail: a.dienst@i2analytical.com	Nutritional Analysis of Food Pesticide Residue Analysis of Food and Foodstuffs	B

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS and FOOD PRODUCTS	Nutritional Analysis	Documented In-House Methods:	
Foods in General	Ash	N001 Ash. Gravimetric determination based on BS 4401-1:1998 Using microwave or muffle furnace	B
Foods in General	Dry Matter, Moisture	N002 Gravimetric Determination using oven drying or CEM microwave drying	B
Foods in General	Nitrogen Protein	N003 Dumas determination Nitrogen analyser	B
Foods in General	Fat.	N004 by NMR	B
Foods in General	Calcium Magnesium Potassium Sodium Sodium expressed as salt (NaCl) - by calculation according to Regulation (EU) No 1169/2011 Annex 1)	N005 Microwave acid digestion followed by ICP-OES determination	B
Foods in General	Total sugars - Fructose - Galactose - Glucose - Lactose - Maltose - Sucrose	N006 Ion chromatography with pulsed amperometric detection	B
Foods in General	Dietary Fibre	N007 Gravimetric based on AOAC 991.43	B
Foods in General	Fatty Acid Composition - Saturates - Mono-unsaturates - Poly-unsaturates	N008-1 based on BS EN ISO 12966-4 2015	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS and FOOD PRODUCTS (cont'd)	Nutritional Analysis (cont'd)	Documented In-House Methods:	
Foods in General	Fatty Acid Composition - Saturates - Mono-unsaturates - Poly-unsaturates - Trans fatty acids - Omega-3 acids - Omega-6 acids - Omega-9-acids Fatty acid profile and individual fatty acids (see Table 1 for list of analytes)	N008-2 based on BS EN ISO 12966-4 2015	B
Foods in General	Calculations Energy kJ Energy kcal Fat in Dry Matter	N009 - Based on EC1169/2011 Food Information for Consumers	B
	Carbohydrate: - available - total - starch	N009 - By difference	
	Salt Content in aqueous phase	N009-Based on FDA Guide to Inspection of Low Acid Canned Food 7	
	Apparent Fat Free Meat Content Apparent Total Meat Content Non-meat Nitrogen	N009-Based on Stubbs and More Method using Generic (Average) or specific Nitrogen Factor by calculations	
	Apparent EC Meat Content	N009-Based on the Stubbs and More Method, the Meat Products Regulation 2003 and EC1169/2011	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS and FOOD PRODUCTS (cont'd)	Nutritional Analysis (cont'd)	Documented In-House Methods:	
Foods in General	Apparent Meat Content (fat free) Total meat Content Excess Connective Tissue Excess Fat Connective Tissue (Collagen/Meat Protein	N009-Clitravi Method, Based on the Meat Products Regulation 2003 and EC1169/2011 factor by calculation using Hydroxyproline correction	B
	Apparent Total Fish Content	N009-Based on Stubbs and More Method using Nitrogen Factor by calculations	
Foods in General	Calculations		B
	Added water -Stubbs and Moore	N009-Based on a modified Stubbs and Moore Method	
	Added water - Danish Method	N009-Based on the Danish Method	
	Added water - German Method	N009-Based on the German Method	
Foods in General	Water activity	N010 by dew point meter	E
Foods in General	pH	N011 based on BS 4401-9:1975 and BS 770-5:1975 by pH probe	B
Foods in General	Chloride, Chlorides expressed as NaCl	N012 Chloride meter	B
Meat & Meat Products	Hydroxyproline Collagen Connective Tissue	N014 based on ISO 3496:1994 by spectrophotometry	B
Leafy Vegetables	Nitrate	N015 by ion chromatography - with UV detection	B
	Bromide	- with conductivity detection	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS and FOOD PRODUCTS (cont'd)	Nutritional Analysis (cont'd)	Documented In-House Methods:	
FOOD & FOODSTUFFS (except oils)	Metals: Arsenic Cadmium Copper Iron Lead Manganese Mercury Nickel Selenium Tin Zinc	N016-1 by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD and FOODSTUFFS	Detection and Quantification of pesticides residues:		
Fruit and vegetables covered by SANTE Commodity Groups 1, 2, 3, 4a, 4b, 5 & 6	Detection, quantification and confirmation of pesticide residues See Table 4	PT003/P101 Determination by GC MS/MS following extraction by QuEChERS	B
Fruit and vegetables covered by SANTE Commodity Groups 1, 2, 3, 4a, 4b, 5 & 6	Detection, quantification and confirmation of pesticide residues See Table 5	PT003/P102 Determination by LC MS/MS following extraction by QuEChERS	B
Fruit and vegetables covered by SANTE Commodity Groups 1,2,3, 4a, 4b and 5	Detection, quantification and confirmation of pesticide residues See Table 2	PT003/P001 Determination by GC MS/MS following extraction by QuEChERS	E
Fruit and vegetables covered by SANTE Commodity Groups 1,2 & 3, 4a, 4b & 5	Detection, quantification and confirmation of pesticide residues See Table 3	PT003/P002 Determination by LC MS/MS following extraction by QuEChERS	E
Fruit and vegetables covered by SANTE Commodity Groups 1,2,3 & 4b	Dithiocarbamates	P003 Determination by GC- MS	E
Groups 1, 2, 3, 4a, 4b, 5 & 6		P103 Determination by GC- MS	B
Fruit and vegetables covered by SANTE Commodity Group 1,2, & 4b	Dithianon	PT003/P004 Determination by LC MS/MS following extraction by acidified QuEChERS	E
Fruit and vegetables covered by SANTE Commodity Groups 1,2,& 4b	Chlorate Perchlorate	PT003/P005 Determination by LC MS/MS following extraction by acidified QuPPe	E
Fruit and vegetables covered by SANTE Commodity Groups 1,2 & 5	Chlormequat	PT003/P006 Determination by LC MS/MS following extraction by acidified QuPPe	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD and FOODSTUFFS	Detection and Quantification of pesticides residues:		
Fruit and vegetables covered by SANTE Commodity Groups 1	Maleic Hydrazide	PT003/P000-001 determination by LC-MS/MS following QuPPe based extraction	E
Fruit and vegetables covered by SANTE Commodity Groups 1,2,3 & 4b	Ethephon	PT003/P000-002 determination by LC-MS/MS following QuPPe based extraction	E
Fruit and vegetables covered by SANTE Commodity Groups 1,2,3 4a, 4b	Fosetyl Aluminium	PT003/P000-004 determination by LC-MS/MS following QuPPe based extraction	E
Fruit and vegetables covered by SANTE Commodity Groups 1,2,3 4a, 4b & 5	Metaldehyde	PT003/P000-007 determination by LC-MS/MS following QuEChERS based extraction	E
FOOD, FEED and ENVIRONMENTAL SWABS	Allergen Tests		
FOOD, FEED and ENVIRONMENTAL SWABS & Nutraceuticals-Supplements	Detection and determination of allergens	Methods developed and validated following the Flexible Scope generic protocol (Q036) using commercial ELISA test kits using UV/VIS detection	E
FOOD, FEED and ENVIRONMENTAL SWABS & Nutraceuticals-Supplements	Gluten	K001 using R7001 Ridascreen Gliadin ELISA kit with Mendez Extraction	E
	Peanut	K012 using RIDASCREEN® Peanut ELISA kit by R-Biopharm code R6811	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD, FEED and ENVIRONMENTAL SWABS & Nutraceuticals-Supplements	Allergen Tests (cont'd) Mustard	K011 using R-BioPharm RIDASCREEN Easy Mustard RAE8201 ELISA kit	E
FOOD, FEED and ENVIRONMENTAL SWABS	Casein	K002 using R4612 Ridascreen Fast Casein ELISA Kit	E
	Beta-Lactoglobulin	K003 using R4912 Ridascreen Fast Beta-Lactoglobulin ELISA Kit	E
	Egg	K007 using R6411 Ridascreen Egg ELISA Kit	E
	Soy	K010 using 8410 Veratox Soy ELISA Kit.	E
FOOD, FEED and ENVIRONMENTAL SWABS	Molecular Allergen, Authenticity and Genetically Modified Organisms Tests	Methods developed and validated following the Flexible Scope Generic Protocol (Q036) with commercially available test kits with RT-PCR detection	E
	Detection of Celery DNA	K005 DNA extraction method followed by K004 detection method using Congen Kit Surefood Allergen Celery ID S3605 with Applied Biosystems Quant Studio 5 Real Time PCR instrument	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD, FOODSTUFFS and SWABS (Including raw and cooked meat products and foods containing meats)	<u>Microbiological Tests</u> Detection of: *Campylobacter* spp	Documented In-House Methods: M027 using VIDAS CAM (AFNOR Bio12/29-05/10), with confirmation to genus level by option: a) Microaerophilic growth, oxidase and microscopy b) Microaerophilic growth and VITEK MS MALDI TOF following in house method M015	 E
	Listeria spp and *Listeria monocytogenes*	1) M021 using VIDAS UP Listeria (Afnor Bio 12/33-05/12)	E
		2) M012 based on BS EN ISO 11290-1:2017	E
		3) M026 using Neogen LESS Plus broth (AFNOR NEO 35/05-07/16)	E
	Confirmation and Identification of named Listeria species *L. monocytogenes* *L. innocua* *L. welshimeri* *L. grayi* *L. seeligeri* *L. ivanovii* *L. marthii*	M015 using MALDI TOF	E
	Confirmation and Identification of named *Listeria* species *L. monocytogenes* *L. innocua* *L. welshimeri* *L. grayi* *L. seeligeri* *L. ivanovii*	In house method M013 based on BS EN ISO 11290-2:2017 using Gold Standards Diagnostic Microgen Listeria_ID kit	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD, FOODSTUFFS and SWABS (cont'd)	Microbiological Tests (cont'd) Detection of: *Salmonella* spp.	Documented In-House Methods: 1) M020 using VIDAS UP Salmonella (SPT) (AFNOR Bio 12/32-10/11) confirmation by Biomerieux API 20E and serology or by MALDI-TOF 2) M011 based on BS EN ISO 6579-1:2017/ AMD1:2020 confirmation by Biomerieux API 20E and serology or by MALDI TOF 3) M040 using Neogen BPW HQ + OBOP-S supplement and CASE selective media, confirmation by Biomerieux API20E and serology or by MALDI TOF	 E E
FOOD, FOODSTUFFS (Salads, vegetables, fruit, herbs. Excluding dairy and meat)	Presumptive *Escherichia coli* O157	M014 using VIDAS UP and concentration using VIDAS ICE E coli including H7 (Afnor Bio 12/25-05/09) confirmation by latex agglutination	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD, FOODSTUFFS and SWABS	Microbiological Tests (cont'd) Enumeration of:	Documented In-House Methods:	
	Aerobic colony count incubation at 30°C for 48 h	In house method M001-1a using PCA pour plate	E
	Aerobic Colony Count incubation at 30°C for 72 h	M001-1b using pour plate based on BS EN ISO 4833-1:2013/AMD1:2022	E
	Bacillus cereus (presumptive)	M006 based on BS EN ISO 7932:2004 /AMD1:2020	E
	Coagulase positive staphylococci, including *Staph. aureus*	1) M007-1 based on BS EN ISO 6888-1:2021 +A1: 2023	E
		2) M007-2 with Staph Express Petrifilm	E
	Coliforms (Presumptive)	1) M004-1 based on BS EN ISO 4832:2006	E
		2) M004-2 with Coliform Petrifilm	E
	Enterobacteriaceae (presumptive)	1) In house method M003-1 with VRBGA based on BS EN ISO 21528-2:2017 and	E
		2) M003-2 with Petrifilm Entero	E
	Escherichia coli (ß-glucuronidase positive)	M005-1 with TBX based on BS EN ISO 16649-2:2001	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD, FOODSTUFFS and SWABS (cont'd)	Microbiological Tests (cont'd) Enumeration of: (cont'd)	Documented In-House Methods:	
	Listeria spp.	M013 using enrichment and plate count based on BS EN ISO 11290-2:2017	E
	Confirmation and Identification *Listeria* spp.	In house method M013 based on BS EN ISO 11290-2:2017 using Gold Standards Diagnostic Microgen Listeria_ID kit or MALDI TOF (M015)	E
	Pseudomonas spp (presumptive)	M010-1 based on BS EN ISO 13720:2010	E
FOOD, FOODSTUFFS	*Clostridium perfringens* (presumptive)	M009-1 based on BS EN ISO 15213-2:2023	E
	Yeasts & Moulds (samples with aW >0.95)	M008-1 based on BS EN ISO 21527-1:2008	E
	Yeast & Moulds (samples with aW ≤0.95)	M008-2 based on BS EN ISO 21527-2:2008	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS - Drinking, potable (non-regulatory), process, surface and bottled (non-regulatory)	<u>Microbiological Tests</u> Enumeration of:	Documented In-House Methods based on the Microbiology of Drinking Water (MDW)	
	Aerobic Colony Count at 22°C Aerobic Colony Count at 37°C	M016-3 using YEA pour plate method based on MDW Part 7A:2020 and M016-4 using YEA pour plate method based on MDW Part 7A:2020	E
	Coliforms and *E.coli*	M017-1 and M017-2 using Colilert MPN based on MDW Part 4D:2016	E
	Enterococci (presumptive)	M019 using Enterolert MPN based on MDW Part 5B:2012	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD and FOOD PRODUCTS	Chemical Tests		
Nuts and Nut Products, Pine Nuts, Roasted Nuts, Roasted Nut Products, Seeds, Cereals and Cereal Products, Spices and Spice Products, Dried Fruit and Dried Fruit Products	Determination of Aflatoxins B_1, B_2, G_1, G_2	Documented in-house method FC001 using High Performance Liquid Chromatography with fluorescence detection	E
Nuts and Nut Products, Dried Fruit and Dried Fruit Products, Cereals and Cereal Products, Spices and Spice Products, Green and Roasted Coffee Beans, and Coffee Products	Ochratoxin A	Documented in-house method FC002 using High Performance Liquid Chromatography	E
Oils and Fats	Free Fatty Acids	Documented in-house method FC003 based on BS EN ISO 660:2020	E
Oils and Fats and extracted oils and fats (excluding Fat in Milk and Milk Products)	Peroxide Value	Documented in-house method FC004 based on ISO 3960:2017	E
Nuts and Nut Products	Moisture	Documented in-house method N002 using Oven Drying	B
Dried Fruit and Dried Fruit Products and High Sugar Products	Moisture	Documented in-house method N017 using Vacuum Oven Drying	B

END

Table 1 (N008-2)

Caprylic Acid (C8:0)	Capric Acid (C10:0)
Undecanoic Acid (C11:0)	Lauric Acid (C12:0)
Tridecanoic Acid (C13:0)	Myristic Acid (C14:0)
Myristoleic Acid (C14:1,cis - 9)	Pentadecanoic Acid (C15:0)
cis - 10 - Pentadecenoic Acid (C15:1)	Palmitic Acid (C16:0)
Palmitoleic Acid (C16:1)	Heptadecanoic Acid (C17:0)
cis - 10 - Heptadecenoic Acid (C17:1)	Stearic Acid (C18:0)
Vaccenic Acid (C18:1n7cis)	Oleic Acid (C18:1n9cis)
Linoleic Acid (C18:2n6c,c)	Arachidic Acid (C20:0)
Gamma - Linolenic Acid (C18:3n6)	cis - 11 - Eicosenoic Acid (C20:1n9)
cis - 8,11,14 - Eicosatrienoic Acid (C20:3n6)	Heneicosanoic Acid (C21:0)
Alpha - Linolenic Acid (C18:3n3c,c,c)	Behenic Acid (C22:0)
cis - 11,14 - Eicosadienoic Acid (C20:2)	Cetoleic Acid (C22:1n11)
Erucic Acid (C22:1n9)	cis - 5,8,11,14,17 - Eicosapentaenoic Acid (C20:5n3)
cis - 11,14,17 - Eicosatrienoic Acid (C20:3n3)	Tricosanoic Acid (C23:0)
Arachidonic Acid (C20:4n6)	Lignoceric Acid (C24:0)
cis - 13,16 - Docosadienoic Acid (C22:2)	cis - 4,7,10,13,16,19 - Docosahexaenoic Acid (C22:6n3)
Cis-7,10,13,16,19 Docosapentaenoic Acid (C22:5n3)	Sum C18:1 trans
Nervonic Acid (C24:1)	Sum C18:3 trans
Sum C18:2 trans	
Elaidic Acid (C18:1n9trans)	Reported as Sum C18:1 trans
Linolelaidic (C18:2n6t,t)	Reported as Sum C18:2 trans
Cis-9 trans-12-Octadecadienoic Acid (C18:2n6c,t)	
Trans-9 cis-12-Octadecadienoic Acid (C18:2n6t,c)	
Cis-9-trans-12-trans-15 Octadecatrienoic Acid (C18:3n3c,t,t) and Cis-9-cis-12-trans-15 Octadecatrienoic Acid(C18:3n3c,c,t)	Reported as Sum C18:3 trans
Trans-9-trans-12-trans-15 Octadecatrienoic Acid (C18:3n3t,t,t)	
Trans-9-trans-12-cis-15 Octadecatrienoic Acid and Trans-9-cis-12-trans-15 Octadecatrienoic Acid (C18:3n3t,t,c and t,c,t)	
Cis-9-trans-12-cis-15 Octadecatrienoic Acid (C18:3n3c,t,c)	
Trans-9-cis-12-cis-15 Octadecatrienoic Acid (C18:3n3t,c,c)	

Table 2 GC-MS/MS

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
4,4'-Methoxychlor olefin	X	X		X	X	
Acetochlor	X	X	X	X	X	X
Aclonifen			X			
Alachlor	X	X	X		X	X
Aldrin	X	X	X			X
Anthraquinone	X	X				
Atraton	X	X				X
Atrazine	X	X	X	X	X	X
Atrazine-desethyl	X	X	X	X	X	X
Azaconazole	X	X	X		X	
Azobenzene	X	X	X			
Benfluralin	X	X	X			
BHC-alpha (benzene hexachloride)	X	X	X		X	X
BHC-beta	X	X		X	X	
BHC-gamma (Lindane, gamma HCH)	X	X			X	
Bifenthrin	X	X	X		X	X
Bromocyclen	X	X			X	
Bromophos	X	X	X	X	X	X
Bromophos-ethyl	X	X	X		X	X
Bromopropylate	X	X	X	X	X	X
Bupirimate	X	X	X		X	
Butachlor	X	X	X		X	
Butralin					X	
Cadusafos	X	X	X		X	X
Carfentrazone-ethyl	X	X	X			
Chlorbenside	X	X			X	
Chlordimeform	X	X			X	X
Chlorethoxyfos	X	X	X		X	X
Chlorfenapyr	X	X	X			
Chlorfenson	X	X	X	X	X	X
Chlorfenvinphos	X	X	X			
Chlormephos	X	X	X		X	X
Chloroneb	X	X				
Chlorpropham	X	X	X		X	X
Chlorpyrifos	X	X	X		X	X
Chlorpyrifos-methyl	X	X	X	X	X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Chlorthion	X	X				
Chlorthiophos	X	X	X	X		X
Chlozolinate	X	X	X	X		X
Clomazone	X	X	X		X	X
Crimidine	X	X			X	
Cyanofenphos	X	X	X		X	
Cyanophos	X	X				
Cycloate	X	X			X	
Cyfluthrin I-IV	X	X	X			
Cyhalothrin (lambda)	X	X				
Cypermethrin I-IV	X	X	X			
Cyprodinil	X	X	X	X	X	X
DCPA (Dacthal, Chlorthal-dimethyl)	X	X	X	X	X	X
DDD-o,p'	X	X	X	X	X	X
DDD-p,p'	X	X	X	X		
DDE-o,p'	X	X	X			
DDE-p,p'	X	X	X			X
DDT-p,p'	X	X	X		X	
DEET (Diethyl-m-toluamide, N,N-)			X			X
Diallate	X	X		X	X	
Diazinon	X	X	X		X	X
Dichlofenthion	X	X	X	X	X	X
Dichlorobenzonitrile, 2,6- (Dichlobenil)	X	X	X			X
Dichlorobenzophenone, 4,4'- (Dicofol breakdown)	X	X	X	X	X	X
Diclofop-methyl	X	X		X	X	
Dicloran (Dichloran)	X	X	X		X	X
Dieldrin	X	X	X	X	X	X
Diflufenican	X	X	X	X	X	
Dimethachlor	X	X				
Dioxabenzofos	X	X				X
Diphenamid	X	X	X		X	X
Diphenylamine	X	X	X		X	
Dipropetryn	X	X			X	
Disulfoton	X	X	X			
Endosulfan ether	X	X			X	

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Endosulfan I (alpha isomer)	X	X	X		X	X
Endosulfan II (beta isomer)	X	X	X		X	X
Endosulfan sulfate	X	X				
Endrin	X	X	X			X
EPN	X	X			X	
EPTC			X			
Ethalfluralin	X	X			X	
Ethion	X	X	X		X	
Ethoprophos (Ethoprop)	X	X	X		X	X
Ethylan	X	X		X	X	
Etofenprox (Ethofenprox)	X	X	X			X
Fenarimol	X	X	X			X
Fenchlorphos	X	X	X		X	X
Fenitrothion	X	X	X		X	
Fenpropathrin	X	X	X	X		
Fenson	X	X	X	X	X	X
Fenthion	X	X	X	X		
Fenvalerate	X	X	X			X
Fipronil	X	X				
Fipronil sulfone			X			
Fluazifop-p-butyl	X					
Fludioxonil	X	X			X	
Fluopyram	X	X			X	
Fluquinconazole	X	X	X	X		X
Fluroxypyr-1-methylheptyl			X			
Flusilazole	X	X	X		X	
Flutolanil	X	X	X	X		
Fluxopyroxad	X	X				X
Fonofos	X		X		X	X
Heptachlor	X	X	X			X
Heptachlor-endo-epoxide (isomer A)	X	X	X		X	X
Heptenophos	X	X				
Hexachlorobenzene	X	X				X
Hexazinone	X	X				
Imazalil	X	X				
Iodofenphos (Jodfenphos)	X	X	X		X	
Isazofos (Miral, Isazophos)	X		X		X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Isobenzan (Telodrin)	X	X	X		X	X
Isodrin	X	X	X			X
Isofenphos	X	X	X	X	X	
Isofenphos-methyl	X	X	X	X	X	X
Isopropalin	X	X		X	X	
Isoprothiolane	X	X	X		X	
isoxadifen-ethyl	X	X				
Leptophos	X	X	X			X
Malathion	X	X	X	X	X	X
MCPA-thioethyl	X	X	X	X	X	X
Mecarbam	X					
Metalaxyl (Mefenoxam)	X	X	X		X	X
Metazachlor	X	X	X			X
Methacrifos	X	X	X		X	X
Metolachlor	X	X	X	X	X	X
Mirex	X	X				
Myclobutanil	X	X	X		X	
Napropamide	X	X	X		X	
Nitrofen	X	X	X		X	
Nitrothal-isopropyl					X	
Nonachlor, cis-	X	X				
Nonachlor, trans-	X	X				
Oxadiazon	X	X	X	X	X	X
Oxyfluorfen	X	X			X	
Parathion	X	X	X		X	X
Parathion-methyl	X	X	X		X	X
Pebulate	X	X		-		
Penconazole	X	X	X	X	X	X
Pendimethalin (Penoxaline)	X	X	X	X	X	X
Pentachloroaniline	X	X	X		X	X
Pentachlorobenzene	X	X				
Pentachlorobenzonitrile	X	X		X	X	
Pentachlorothioanisole	X	X				
Pentanochlor (Solan, CMMP)	X	X	X	X	X	X
Permethrin	X		X			X
Pethoxamid			X			
Phenthoate	X	X	X			X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Phenylphenol, 2-	X	X	X			
Phorate	X		X	X		
Pirimiphos-ethyl	X	X	X	X	X	X
Pirimiphos-methyl	X	X	X	X	X	X
Pretilachlor	X	X	X		X	
Procymidone	X	X	X		X	X
Prodiamine	X	X		X	X	
Profenofos			X			
Profluralin					X	
Pronamide (Propyzamide)	X	X	X			X
Propachlor	X	X	X		X	X
Propanil (DCPA)	X	X	X		X	X
Propetamphos	X	X	X		X	X
Propisochlor	X	X			X	
Prosulfocarb	X	X	X	X	X	X
Prothiofos	X	X	X		X	X
Pyrimethanil	X	X	X		X	X
Pyriproxyfen	X	X	X	X	X	X
Quinalphos	X	X	X	X	X	X
Quintozene	X	X	X			X
Silafluofen						X
Simazine	X					X
Simeconazole	X	X	X			X
Sulfallate	X	X	X	X	X	
Sulprofos	X	X	X	X	X	
Tebuconazole	X	X	X			
Tebufenpyrad	X	X	X	X	X	X
Tecnazene (TCNB)	X	X	X		X	X
Tefluthrin, cis-	X	X	X	X	X	X
Terbacil		X				
Terbufos	X	X	X	X	X	X
Terbuthylazine	X	X	X		X	X
Tetradifon	X	X		X	X	
Tetrasul	X	X				X
Thiometon	X	X	X	X	X	
Tolclofos-methyl	X	X	X	X	X	X
Triadimefon	X	X	X	X	X	X
Triallate (Tri-allat)	X	X	X	X	X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Triazamate			X			
Triazophos			X			
Trichloronat	X	X			X	
Triflumizole	X	X	X		X	
Trifluralin	X	X	X		X	
Vinclozolin	X	X	X		X	X

LCMSMS Table 3

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
(XMC) 3,5-Xylyl methylcarbamate	X	X	X	X	X	X
1-Naphthylacetamide	X	X	X	X	X	X
Acephate	X	X		X	X	X
Acetamiprid	X	X		X	X	X
Aldicarb	X	X	X	X		X
Aldicarb fragment	X	X	X	X	X	
Aldicarb-sulfone (Aldoxycarb)	X	X	X		X	X
Ametryn	X	X		X	X	X
Aminocarb	X	X			X	X
Amisulbrom			X	X		
Azinphos-ethyl (Guthion ethyl)	X	X	X	X		
Azinphos-methyl (Guthion)	X		X	X	X	X
Azoxystrobin	X			X	X	X
Beflubutamid	X		X	X	X	X
Benalaxyl	X	X	X	X	X	X
Bendiocarb	X	X	X	X	X	X
Benodanil	X	X		X	X	X
Benoxacor	X	X	X	X		X
Benzoximate	X	X	X	X	X	X
Benzyladenine	X	X			X	X
Bifenazate (D 2341)			X			
Bixafen	X	X		X	X	X
Boscalid (Nicobifen)				X		
Bromacil	X	X	X	X	X	X
Bromuconazole 1	X	X	X			
Bromuconazole 2	X	X	X			
Bupirimate	X	X	X	X	X	X
Buprofezin	X	X	X		X	X
Butafenacil				X	X	X
Butocarboxim	X	X	X	X	X	
Butocarboxim-sulfoxide	X	X		X	X	X
Butoxycarboxim	X	X	X		X	X
Carbaryl	X	X	X	X	X	X
Carbendazim (Azole)	X	X	X	X	X	X
Carbetamide	X	X	X	X	X	X
Carbofuran	X	X	X	X	X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Carboxin	X	X	X	X	X	X
Carpropamide	X	X	X	X	X	X
Chlorantraniliprole	X			X		
Chlorbromuron	X	X	X	X	X	
Chlorfluazuron			X			
Chloroxuron	X	X			X	X
Chlorthiophos			X			
Chlortoluron (Chlorotoluron)	X	X	X	X	X	X
Chromafenozide	X	X	X	X	X	X
Cinidon-Ethyl				X	X	
Cinosulfuron	X	X		X	X	
Clethodim	X	X	X			
Clofentezin	X			X	X	X
Cloquintocet-mexyl	X	X	X		X	X
Clothianidin	X	X		X		X
Crufomate	X	X	X		X	X
Cyanazine (Fortrol)	X	X	X	X	X	X
Cyazofamid	X	X	X	X	X	X
Cycluron	X	X	X			X
Cyflufenamid	X	X	X	X	X	X
Cyflumetofen	X	X	X	X	X	X
Cymiazol	X					
Cymoxanil (Curzate)	X	X		X		X
Cyproconazole 1+2	X	X	X		X	X
Cyprodinil	X	X	X		X	X
Cyromazin	X	X				
Cythioate	X	X				
Demeton-S-methylsulfone	X	X	X	X	X	X
Demeton-S-methylsulfoxide	X	X	X			X
Desmedipham	X	X	X	X	X	X
Desmetryn	X	X	X	X	X	X
Diclobutrazol	X	X	X		X	X
Dicrotophos (Bidrin)	X	X			X	X
Diethofencarb	X	X		X	X	X
Difenconazole	X	X	X		X	
Difenoxuron	X	X	X	X	X	X
Diflubenzuron	X	X	X	X		
Dimefuron	X	X	X	X	X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Dimethenamide (SAN 582H)	X	X	X	X	X	X
Dimethoate	X		X	X	X	X
Dimethomorph(E)	X	X	X		X	X
Dimethomorph(Z)	X	X	X			X
Dimoxystrobin	X	X	X	X	X	X
Diniconazole	X	X	X			X
Dinotefuran	X	X	X	X	X	X
Dioxathion	X	X	X		X	
Disulfoton-Sulfone	X	X	X	X	X	X
Disulfoton-Sulfoxide	X	X	X	X	X	X
Diuron	X	X	X	X	X	X
DMSA Succimer	X	X	X	X	X	
DMST	X	X	X	X	X	X
Dodemorph	X	X			X	X
Dodine	X	X				
Emamectin B1a	X					
Epoxiconazole (BAS 480F)	X	X	X	X	X	X
Eprinomectin B1a	X					
Etaconazole	X	X		X		
Ethiofencarb	X	X	X	X	X	X
Ethiofencarb sulfone			X	X	X	
Ethiofencarb sulfoxide	X	X	X		X	X
Ethiprole	X	X	X	X	X	
Ethirimol	X	X				
Ethofumesate	X	X	X	X		X
Famoxadon				X		
Fenamidone	X		X	X	X	X
Fenamiphos - sulfone	X	X		X	X	X
Fenarimol	X		X			
Fenazaquin	X	X	X			
Fenbuconazole	X		X	X	X	
Fenbutatin oxide	X					
Fenchlorphos-oxon	X	X	X		X	X
Fenhexamid	X	X	X	X	X	X
Fenobucarb (Baycarb)	X	X	X	X	X	X
Fenoxycarb	X	X	X			X
Fenpropadin	X	X	X	X	X	X
Fenpropimorph (Ro 14-3169)	X	X	X		X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Fenpyrazamine	X	X		X	X	
Fenpyroximate(E)	X	X	X			X
Fensulfothion	X	X	X	X	X	X
Fensulfothion-oxon	X	X		X	X	X
Fensulfothion-oxon-sulfone	X	X	X	X	X	X
Fensulfothion-sulfone	X	X	X	X	X	X
Fenthion-oxon	X	X	X	X	X	X
Fenuron (N,N-Dimethyl-N-phenylurea)	X	X	X	X	X	
Flamprop-isopropyl	X	X	X	X	X	X
Flonicamid	X	X		X	X	
Fluazifop-butyl	X		X	X	X	X
Flubendiamide				X		
Fludioxonil	X	X	X			X
Flufenoxuron	X	X	X			
Flumetsulam					X	
Flumorph			X	X		
Fluopicolid	X	X	X	X	X	X
Fluoxastrobin	X		X	X	X	X
Fluquinconazole	X				X	
Flurochloridone	X	X		X		
Flurtamone		X		X		
Flusilazol	X	X			X	X
Flutolanil	X	X	X	X	X	X
Flutriafol	X	X	X	X	X	X
Forchlorfenuron	X	X		X	X	X
Fosthiazate	X	X	X	X	X	X
Furalaxyl	X	X	X	X	X	X
Furathiocarb	X	X	X	X	X	X
Halfenprox	X					
Halofenozide	X	X	X	X		X
Haloxyfop-methyl	X	X	X	X	X	X
Hexaconazole	X	X	X		X	
Hexaflumuron	X		X			
Hexythiazox	X	X	X			
Hydramethylnon	X	X	X	X	X	X
Imazalil (Enilconazole)	X	X			X	X
Imidacloprid	X	X	X		X	

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Indoxacarb	X	X	X	X	X	X
Iodosulfuron-Methyl		X			X	
Ipconazole	X	X	X		X	X
Iprobenfos	X	X		X	X	X
Iprovalicarb	X		X	X		X
Isofenphos oxon	X	X	X			
Isoprocarb	X	X	X	X	X	X
Isoproturon	X	X	X	X	X	X
Isoxaben	X	X	X	X	X	X
Karbutilate	X	X		X	X	X
Kresoxim methyl	X		X			
Linuron	X	X	X	X	X	X
Lufenuron			X			
Malaoxon	X	X		X	X	X
Mandipropamid	X	X	X	X		
Mefenacet	X	X	X	X	X	X
Mepanipyrim	X	X	X	X	X	X
Mephosfolan	X	X	X	X	X	X
Mepronil	X	X	X	X	X	X
Mesosulfuron-methyl	X	X		X	X	
Metaflumizone		X				
Metalaxyl (includes Metalaxyl and Metalxyl(M))	X	X	X	X	X	X
Metconazole	X	X	X		X	
Methabenzthiazuron	X	X	X	X	X	X
Methamidophos	X	X				X
Methiocarb (Mercaptodimethur)	X	X	X	X	X	X
Methiocarb sulfone	X	X	X	X	X	
Methiocarb sulfoxide	X	X	X		X	X
Methomyl	X	X	X			
Methoprotryne	X	X		X	X	X
Methoxyfenozide	X	X	X	X	X	X
Metobromuron	X	X	X	X	X	X
Metolcarb	X	X		X	X	X
Metosulam	X	X		X	X	
Metoxuron	X	X	X	X	X	X
Metrafenone	X	X	X	X	X	X
Metribuzin	X	X	X	X	X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Metsulfuron-methyl	X	X			X	
Mevinphos (Phosdrin)	X	X		X	X	X
Mexacarbate			X	X	X	X
Monalide	X	X	X	X	X	X
Monocrotophos (Azodrin)	X		X		X	
Monolinuron (Phenylurea)	X	X	X	X	X	X
Monuron	X	X	X	X	X	X
Myclobutanil	X	X	X	X	X	X
Neburon (Phosphoramidothioic acid)		X				
Novaluron	X	X	X	X		
Nuarimol	X	X	X		X	
Omethoate	X	X	X	X	X	X
Oxadixyl	X	X	X	X	X	
Oxycarboxin	X	X		X	X	X
Paclobutrazol			X	X	X	
Penconazole	X	X	X		X	X
Penthiopyrad	X			X	X	X
Phenmedipham	X	X	X	X	X	X
Phorate Sulfone	X	X	X	X	X	
Phosfolan					X	
Phosmet (Imidan)	X	X	X	X	X	X
Phosphamidon	X	X	X		X	X
Phoxim	X	X	X	X		X
Picaridin (Bayrepel)	X	X	X		X	X
Picolinafen	X	X	X	X	X	X
Picoxystrobin	X	X	X	X	X	X
Piperonyl butoxide	X	X	X	X	X	X
Piperophos	X	X	X	X	X	X
Pirimicarb, desmethyl-	X	X	X	X	X	X
Pirimicarb-desmethyl-formamido	X	X	X	X	X	X
Prallethrin	X	X	X	X		
Prochloraz	X	X		X	X	
Promecarb	X	X	X	X	X	X
Prometon			X	X	X	X
Prometryn				X	X	
Propamocarb	X	X				X
Propaquizafop	X	X	X	X	X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Propargite	X	X		X	X	X
Propazine	X	X	X	X	X	X
Propham					X	X
Propiconazole	X	X	X			X
Propoxur		X	X	X	X	X
Proquinazid	X	X				X
Pymetrozine	X	X				X
Pyracarbolid	X	X	X			X
Pyraclostrobin	X	X		X	X	X
Pyraflufen Ethyl				X	X	X
Pyridaben	X	X	X			
Pyrifenox			X	X	X	
Pyrimethanil	X		X		X	X
Pyriproxyfen	X	X	X		X	X
Quinoxyfen	X	X	X			X
Quizalofop-ethyl	X	X	X		X	X
Rotenone	X	X				
Sebuthylazine			X	X	X	X
Secbumeton	X	X	X	X	X	X
Siduron	X	X	X	X	X	X
Simetryn	X	X	X	X	X	X
Spinetoram (Sum)	X	X	X			X
Spinosyn A	X	X	X		X	X
Spinosyn D	X	X	X			X
Spirodiclofen	X	X	X		X	X
Spiromesifen	X	X	X	X	X	
Spirotetramat		X	X		X	X
Spiroxamine	X	X	X		X	X
Sulfentrazone		X				
Sulfosulfuron		X				
Tebuconazole	X				X	X
Tebufenozide	X			X	X	X
Tebufenpyrad	X	X	X		X	X
Tebutam	X	X		X	X	X
Tebuthiuron	X	X	X	X	X	X
Temephos	X	X		X	X	X
Terbufos-Sulfone	X	X		X	X	X
Terbumeton	X	X	X		X	X

Compound Name	SANTE 1	SANTE 2	SANTE 3	SANTE 4a	SANTE 4b	SANTE 5
Terbutryn	X	X	X		X	X
Tetraconazole	X	X	X	X	X	
Thiacloprid	X	X	X	X	X	X
Thiamethoxam	X		X		X	
Thiazafluron	X	X		X	X	X
Thidiazuron	X	X		X	X	
Thifensulfuron-methyl (DPX-M6316)		X			X	
Thiobencarb	X	X	X		X	X
Thiodicarb	X	X	X		X	X
Thiofanox	X	X		X	X	X
Thiophanate-methyl	X	X		X	X	X
Tolfenpyrade	X	X	X			X
Tralkoxydim	X	X	X		X	X
Triadimefon	X	X	X	X	X	
Triasulfuron (Logran)	X	X		X	X	
Triazoxide	X	X	X		X	X
Trichlorfon (DEP)		X			X	
Tricyclazole	X	X	X			X
Trietazine	X	X	X	X	X	X
Trifloxystrobin	X	X	X	X	X	X
Trifloxysulfuron	X	X			X	
Triflumizol	X	X	X		X	
Triflumuron	X	X		X		
Triforine					X	X
Triticonazole	X	X	X		X	X
Tritosulfuron		X		X	X	
Uniconazole-P	X	X	X		X	X
Zoxamide	X	X	X	X	X	X

Table 4 GCMSMS (Poland)

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
2,3,5,6-Tetrachloroaniline		X	X	X	X	X	X
4,4'-Methoxychlor olefin	X	X	X	X	X	X	X
Acetochlor	X	X	X	X	X	X	X
Aclonifen			X		X	X	X
Alachlor	X	X	X	X	X	X	X
Aldrin	X	X	X			X	X
Allidochlor			X		X	X	X
Anthraquinone	X	X	X	X	X	X	X
Atraton	X	X	X		X	X	X
Atrazine	X	X	X	X	X	X	X
Atrazine-desethyl	X		X		X	X	X
Azaconazole	X	X	X		X	X	X
Azobenzene	X	X	X		X		X
Benfluralin	X	X	X	X	X	X	X
BHC-alpha (benzene hexachloride)	X	X	X	X	X	X	X
BHC-beta	X	X	X	X	X	X	X
BHC-delta			X	X	X	X	X
BHC-gamma (Lindane, gamma HCH)	X	X	X	X	X	X	X
Bifenox						X	
Bifenthrin	X	X	X		X	X	
Biphenyl			X		X		
Bromfenvinfos		X	X	X	X		X
Bromfenvinfos-methyl			X				
Bromocyclen	X	X	X		X	X	
Bromophos	X	X	X	X	X	X	X
Bromophos-ethyl	X	X	X		X	X	X
Bromopropylate	X	X	X		X	X	X
Bupirimate	X	X	X	X	X	X	X
Butachlor	X	X	X		X		X
Butralin	X	X	X	X	X	X	X
Cadusafos	X	X	X	X	X	X	X
Carbophenothion	X	X	X	X	X	X	X
Carfentrazone-ethyl	X	X	X	X	X		X
Chlorbenside	X	X	X		X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Chlordane-cis			X		X		X
Chlordane-cis & trans (alpha & gamma)	X		X		X		X
Chlordane-trans			X		X		X
Chlordimeform	X	X			X		X
Chlorethoxyfos			X	X	X	X	X
Chlorfenapyr	X	X	X		X	X	
Chlorfenson	X	X	X		X		X
Chlorfenvinphos	X		X	X	X		X
Chlormephos		X	X		X	X	X
Chloroneb		X	X		X	X	X
Chlorpropham	X		X	X	X	X	X
Chlorpyrifos	X	X	X	X	X	X	X
Chlorpyrifos-methyl	X	X	X	X	X	X	X
Chlorthion	X		X				X
Chlorthiophos	X	X	X	X	X	X	X
Chlozolinate	X	X	X	X	X	X	X
Clomazone	X	X	X	X	X	X	X
Crimidine	X		X			X	X
Cyanofenphos	X	X	X		X	X	X
Cyanophos	X	X	X	X		X	X
Cycloate	X	X	X		X	X	X
Cyfluthrin I-IV	X		X		X		
Cyhalothrin-lambda	X						
Cypermethrin	X						
Cyprodinil	X	X			X	X	X
DCPA (Dacthal, Chlorthal-dimethyl)	X	X	X		X	X	X
DDD-o,p'	X	X	X	X	X	X	X
DDD-p,p'	X	X	X	X	X	X	X
DDE-o,p'	X		X		X		X
DDE-p,p'	X	X	X		X		X
DDT-p,p'	X	X	X			X	X
Diallate	X	X	X	X	X	X	X
Diazinon	X	X	X		X	X	X
Dichlofenthion	X	X	X	X	X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Dichloroaniline, 3,5- (Vinclozolin & Iprodione metabolite)			X		X		X
Dichlorobenzonitrile, 2,6- (Dichlobenil)		X	X		X	X	X
Dichlorobenzophenone, 4,4'- (Dicofol breakdown)	X	X	X	X	X	X	X
Diclofop-methyl	X	X	X		X	X	X
Dicloran (Dichloran)	X		X	X			X
Dieldrin	X	X	X		X		X
Diflufenican		X	X		X	X	X
Dimethachlor			X		X	X	X
Dioxabenzofos	X	X	X	X		X	X
Diphenamid	X	X	X			X	X
Diphenylamine		X	X		X	X	X
Dipropetryn	X	X	X		X	X	X
Disulfoton	X	X	X		X	X	X
DNOC (2-methyl-4,6-dinitrophenol)					X	X	X
Endosulfan ether	X	X	X		X	X	X
Endosulfan I (alpha isomer)	X	X	X		X		X
Endosulfan II (beta isomer)	X	X	X	X	X	X	X
Endosulfan sulfate	X	X	X		X		X
Endrin	X	X			X	X	X
EPN		X	X		X	X	X
EPTC		X	X		X		
Ethalfluralin	X	X	X		X	X	
Ethion	X	X	X		X	X	
Ethoprophos (Ethoprop)	X		X		X	X	X
Ethylan	X	X	X		X	X	X
Etofenprox (Ethofenprox)	X	X	X				
Etridiazole (Terrazole, Echlomezol)			X				
Famphur			X				
Fenamiphos (Phenamiphos)							X
Fenarimol	X		X		X	X	X
Fenchlorphos	X	X	X	X	X	X	X
Fenitrothion	X	X	X				X
Fenpiclonil	X	X	X			X	
Fenpropathrin	X	X	X	X	X	X	X
Fenson	X	X	X		X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Fenthion	X	X	X		X	X	X
Fipronil	X	X	X		X		X
Fipronil sulfone	X	X	X	X	X	X	X
Fluazifop-p-butyl		X	X		X	X	X
Fluchloralin	X	X	X		X	X	X
Fludioxonil	X		X		X	X	X
Flumetralin		X	X		X		X
Flumioxazin	X						X
Fluopyram	X	X	X		X	X	X
Fluquinconazole	X		X	X	X	X	X
Fluroxypyr-1-methylheptyl	X	X	X	X	X	X	X
Flusilazole	X	X	X	X	X	X	X
Flutolanil	X	X	X		X		X
Fluxopyroxad					X		X
Fonofos	X	X	X		X	X	X
Haloxyfop-2-ethoxy-ethyl		X	X		X	X	X
Heptachlor	X	X	X		X		
Heptachlor exo-epoxide (isomer B)			X	X	X		X
Heptachlor-endo-epoxide (isomer A)	X	X	X		X		X
Heptenophos			X	X		X	
Hexachlorobenzene	X	X	X			X	X
Hexazinone	X	X	X		X	X	X
Imazalil			X		X	X	
Iodofenphos (Jodfenphos)	X	X	X	X	X	X	X
Iprodione							X
Isazofos (Miral, Isazophos)	X	X	X	X	X	X	X
Isobenzan (Telodrin)	X	X	X		X		X
Isodrin	X	X	X				X
Isofenphos	X	X	X	X	X	X	X
Isofenphos-methyl	X	X	X	X	X	X	X
Isopropalin	X	X	X		X	X	X
Isoprothiolane	X	X	X	X	X		X
Isopyrazam					X		X
Isothiazoline (Octhilinone)			X	X			X
isoxadifen-ethyl	X	X	X	X	X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Lenacil			X		X	X	
Leptophos	X	X	X		X	X	X
Linuron							X
Malathion	X	X	X				X
MCPA-thioethyl	X	X	X	X	X	X	X
Mecarbam	X	X					
Mefenpyr-diethyl	X	X	X	X	X	X	X
Metalaxyl (Mefenoxam)		X			X	X	X
Metazachlor	X	X	X	X	X	X	X
Methacrifos		X	X	X	X	X	X
Methidathion		X	X				
Metolachlor	X	X	X	X	X	X	X
Mevinphos (Phosdrin)			X			X	X
Mirex	X	X	X			X	X
Myclobutanil	X	X	X		X	X	X
Napropamide	X	X	X	X	X		X
Nitrofen		X	X	X	X	X	X
Nitrothal-isopropyl	X	X	X			X	
Nonachlor, cis-	X	X	X		X	X	X
Nonachlor, trans-	X	X	X		X		X
Norflurazon			X			X	X
Ofurace			X				X
Oxadiazon	X	X	X		X		X
Oxyfluorfen	X	X	X		X		X
Paclobutrazol	X	X					
Parathion	X	X	X		X		X
Parathion-methyl	X		X			X	
Pebulate		X	X		X	X	
Penconazole	X	X	X	X	X	X	X
Pendimethalin (Penoxaline)	X	X	X	X	X	X	X
Pentachloroaniline		X	X		X	X	X
Pentachlorobenzene		X	X				X
Pentachlorobenzonitrile	X	X	X	X	X	X	X
Pentachlorothioanisole	X	X	X			X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Pentanochlor (Solan, CMMP)	X	X	X	X	X	X	X
Permethrin-cis			X	X	X	X	X
Permethrin-trans				X		X	X
Pethoxamid	X	X	X	X	X	X	X
Phenothrin			X				X
Phenthoate	X	X	X	X	X	X	X
Phenylphenol, 2-			X			X	X
Phorate	X	X	X		X	X	X
Phosalone			X				
Piperonyl butoxide		X				X	X
Pirimiphos-ethyl	X	X	X		X	X	X
Pirimiphos-methyl	X	X	X		X	X	X
Pretilachlor	X	X	X		X	X	X
Procymidone	X	X	X	X	X		X
Prodiamine	X	X	X		X	X	X
Profenofos	X	X	X				
Profluralin	X	X	X	X	X		
Pronamide (Propyzamide)	X	X	X	X	X	X	
Propachlor		X	X	X	X		X
Propanil (DCPA)	X	X	X			X	
Propetamphos	X	X	X	X		X	X
Propisochlor	X	X	X		X	X	
Prosulfocarb	X	X	X		X	X	X
Prothiofos	X	X	X		X	X	X
Pyridaben			X		X		
Pyrimethanil	X				X	X	X
Pyrimidifen	X						
Pyriproxyfen	X	X	X	X	X	X	X
Quinalphos	X	X	X	X	X	X	X
Quintozene	X	X	X		X	X	X
Resmethrin			X				
Silafluofen	X	X	X		X	X	X
Simazine		X	X	X	X	X	X
Simeconazole	X					X	X
Sulfallate	X	X	X		X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Sulprofos	X	X	X	X	X	X	X
Tebuconazole		X	X	X	X	X	X
Tebufenpyrad	X		X		X	X	X
Tecnazene (TCNB)	X	X	X	X	X	X	X
Tefluthrin, cis-	X	X	X		X	X	X
Terbacil			X			X	X
Terbufos	X	X	X		X	X	X
Terbuthylazine	X	X	X	X	X	X	X
Tetradifon	X	X	X	X	X	X	X
Tetramethrin	X						
Tetrasul	X	X	X			X	X
Thiometon	X	X	X	X	X	X	X
Tolclofos-methyl	X	X	X		X	X	X
Tolylfluanid			X				
Triadimefon	X	X	X	X	X	X	X
Triadimenol	X	X					X
Triallate (Tri-allat)	X	X	X		X	X	X
Triazamate	X	X	X		X		X
Trichloronat	X	X	X		X	X	X
Trichlorophenol, 2,4,6- (Prochloraz metabolite)		X	X				
Triflumizole	X	X					
Trifluralin	X	X	X	X	X	X	X
Vinclozolin	X	X	X	X	X	X	X

Table 5 LCMSMS (Poland)

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
1-Naphthylacetamide	X	X	X	X	X	X	X
(XMC) 3,5-Xylyl methylcarbamate	X	X	X	X	X	X	X
Acephate	X	X	X	X	X	X	X
Acetamiprid	X	X		X	X	X	X
Acibenzolar-S-methyl	X						
Aldicarb	X	X	X	X	X	X	
Aldicarb-sulfone (Aldoxycarb)	X	X	X		X	X	
Aldicarb-sulfoxide	X	X	X	X	X	X	
Ametoctradin	X	X		X	X	X	X
Ametryn	X	X	X	X	X	X	X
Amicarbazone							X
Aminocarb	X		X	X	X	X	X
Amisulbrom			X				
Azinphos-ethyl (Guthion ethyl)	X	X	X	X	X	X	X
Azinphos-methyl (Guthion)	X	X	X	X	X	X	
Azoxystrobin	X			X	X	X	X
BAC10							X
Beflubutamid	X	X	X	X	X	X	X
Benalaxyl	X	X	X	X	X	X	X
Bendiocarb	X	X	X	X	X	X	X
Benodanil	X	X	X	X	X	X	X
Benoxacor	X	X	X	X	X	X	
Bensulide			X	X	X	X	
Benthiavalicarb-isopropyl	X		X	X	X	X	X
Benzoximate	X	X	X	X	X	X	X
Benzyladenine	X	X	X		X	X	
Bifenazate (D 2341)			X		X		X
Bitertanol		X	X	X	X		

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Bixafen	X	X	X	X	X	X	X
Boscalid (Nicobifen)		X		X	X	X	X
Bromacil	X	X	X	X	X	X	X
Bromuconazole (Sum)	X	X	X	X	X	X	
Bromuconazole 1			X		X	X	
Bromuconazole 2	X	X	X	X	X	X	
Bupirimate	X	X	X	X	X	X	X
Buprofezin	X	X	X	X	X	X	X
Butafenacil	X	X	X	X	X	X	X
Butocarboxim	X	X	X		X		
Butocarboxim-sulfoxide	X	X		X	X	X	X
Butoxycarboxim	X		X	X	X	X	X
Carbaryl	X	X	X	X	X	X	X
Carbendazim (Azole)	X	X	X	X	X	X	X
Carbetamide	X	X	X	X	X	X	X
Carbofuran	X	X	X		X	X	X
Carboxin	X	X	X	X	X	X	
Carpropamide	X	X	X	X	X	X	X
Chlorantraniliprole	X	X	X	X	X	X	X
Chlorbromuron	X	X	X	X	X	X	X
Chlorfluazuron						X	
Chlorimuron Ethyl	X	X					
Chloroxuron	X	X	X	X	X	X	X
Chlortoluron (Chlorotoluron)	X	X	X	X	X	X	X
Chromafenozide	X	X	X	X	X	X	X
Cinidon-Ethyl	X	X	X	X		X	
Cinosulfuron	X	X					
Clethodim	X	X	X	X	X	X	
Clofentezin	X	X	X	X	X	X	X
Cloquintocet-mexyl	X	X	X	X	X	X	X
Clothianidin	X	X	X	X		X	X
Crufomate	X	X	X	X	X	X	X
Cyanazine (Fortrol)	X	X	X	X	X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Cyazofamid	X	X	X	X	X	X	X
Cycluron	X	X	X	X	X	X	X
Cyflufenamid	X	X	X	X	X	X	X
Cyflumetofen	X	X	X	X	X	X	X
Cymiazol	X	X	X	X		X	
Cymoxanil	X	X	X	X	X	X	X
Cyproconazole 1+2	X	X	X	X	X	X	X
Cyprodinil	X	X		X	X	X	
Demeton-S-methylsulfone	X	X	X	X	X	X	X
Demeton-S-methylsulfoxide	X	X	X	X	X	X	X
Desethylsebutylazine (Sebuthylazine-desethyl)	X						
Desmedipham	X	X	X	X	X	X	X
Desmetryn	X	X	X	X	X	X	X
Desthio-Prothioconazol	X	X	X	X	X	X	X
Diclobutrazol	X	X	X	X	X	X	X
Dicrotophos (Bidrin)	X	X		X	X	X	X
Diethofencarb	X	X	X	X	X	X	X
Difenconazole	X	X	X	X	X	X	X
Difenoxuron	X	X	X	X	X	X	X
Diflubenzuron	X	X	X	X	X	X	
Dimefuron	X	X	X	X	X	X	X
Dimethenamide (SAN 582H)	X	X	X	X	X	X	X
Dimethoate	X	X	X	X	X	X	
Dimethomorph (Sum)	X	X		X	X	X	X
Dimethomorph(E)	X			X	X	X	
Dimethomorph(Z)	X	X		X	X	X	X
Dimoxystrobin	X	X	X	X	X	X	X
Diniconazole	X	X		X	X	X	X
Dinotefuran	X	X	X	X	X	X	X
Dioxathion	X	X	X	X	X	X	X
Disulfoton-Sulfone	X	X	X	X	X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Disulfoton-Sulfoxide	X	X	X	X	X	X	X
Diuron	X	X	X	X	X	X	X
DMSA Succimer	X		X	X	X	X	X
DMST	X	X	X	X	X	X	X
Dodemorph	X	X	X		X	X	X
Dodine		X	X		X		
Emamectin (Sum)	X	X	X	X	X	X	
Emamectin B1a	X	X	X	X	X	X	
Epoxiconazole (BAS 480F)	X	X	X	X	X	X	
Eprinomectin B1a	X	X	X	X	X		
Etaconazole	X	X	X	X	X	X	X
Ethiofencarb	X	X	X	X	X	X	
Ethiofencarb sulfone	X	X		X		X	X
Ethiofencarb sulfoxide	X	X		X	X	X	X
Ethiprole	X	X	X	X	X	X	X
Ethirimol	X	X					
Ethofumesate			X	X	X	X	
Etoxazole	X	X		X	X		X
Famoxadon					X		
Fenamidone	X	X	X	X	X	X	X
Fenamiphos - sulfone	X	X	X	X	X	X	X
Fenamiphos - sulfoxide	X	X	X	X	X	X	X
Fenazaquin	X	X					X
Fenbuconazole	X	X	X	X	X	X	X
Fenbutatin oxide	X				X		X
Fenchlorphos-oxon	X	X		X	X	X	X
Fenhexamid	X	X	X	X	X	X	
Fenobucarb (Baycarb)	X	X	X	X	X	X	
Fenoxycarb	X	X	X	X	X	X	X
Fenpropadin	X	X	X	X	X	X	X
Fenpropimorph (Ro 14-3169)	X	X	X		X	X	X
Fenpyroximate(E)	X	X	X	X	X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Fensulfothion	X	X	X	X	X	X	X
Fensulfothion-oxon	X			X	X	X	X
Fensulfothion-oxon-sulfone	X	X	X	X	X	X	X
Fensulfothion-sulfone	X	X	X	X	X	X	
Fenthion-oxon	X	X	X	X	X	X	X
Fenuron (N,N-Dimethyl-N-phenylurea)	X	X		X	X	X	X
Fepyrazamine	X	X	X	X	X	X	X
Flamprop-isopropyl	X	X	X	X	X	X	X
Flonicamid						X	
Florasulam	X	X					
Fluazifop-butyl	X	X	X	X	X	X	X
Flubendiamide				X		X	
Fludioxonil	X		X	X	X	X	X
Flufenoxuron	X	X	X	X	X	X	X
Flumetsulam		X					
Flumorph	X	X	X	X	X	X	X
Fluopicolid	X	X	X	X	X	X	X
Fluoxastrobin	X	X	X		X	X	X
Flupyradifurone			X	X	X	X	X
Flupyrsulfuron-methyl-sodium		X					
Fluquinconazole				X		X	X
Flurtamone	X	X	X		X		X
Flusilazol	X	X	X	X	X	X	X
Flutolanil	X	X	X	X	X	X	X
Flutriafol	X	X	X	X	X	X	X
Forchlorfenuron	X	X	X	X	X	X	
Formothion	X		X			X	
Fosthiazate	X	X	X	X	X	X	X
Furalaxyl	X	X	X	X	X	X	X
Furathiocarb	X	X	X	X	X	X	X
Halfenprox		X	X			X	X
Halofenozide	X	X	X	X	X	X	
Haloxyfop-methyl	X	X	X	X	X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Hexaconazole	X	X	X	X	X	X	
Hexaflumuron	X	X					
Hexythiazox	X	X	X		X	X	X
Hydramethylnon	X	X	X	X	X	X	X
Imazalil (Enilconazole)	X		X	X	X	X	X
Imibenconazole	X	X					X
Imidacloprid	X	X	X	X	X	X	
Indaziflam	X	X	X	X	X	X	X
Indoxacarb		X		X	X	X	X
Ipconazole	X	X	X	X	X	X	X
Iprobenfos	X	X	X	X	X	X	X
Iprovalicarb	X	X	X	X	X	X	X
Isocarbophos	X	X					
Isofenphos oxon	X	X	X		X	X	
Isomethiozin	X	X		X	X		X
Isoprocarb	X	X	X	X	X	X	X
Isoproturon	X	X	X	X	X	X	X
Isoxaben	X	X	X	X	X	X	X
Karbutilate	X	X	X	X	X	X	X
Kresoxim methyl	X	X	X	X	X	X	
Linuron	X	X	X	X	X	X	X
Lufenuron				X			
Malaoxon	X	X	X		X	X	X
Mandipropamid	X	X	X	X	X	X	X
Mefenacet	X		X	X	X	X	X
Mepanipyrim	X	X	X	X	X	X	
Mephosfolan	X	X	X	X	X	X	X
Mepronil	X	X	X	X	X	X	X
Mesosulfuron-methyl	X	X					
Metaflumizone	X	X	X		X	X	
Metalaxyl (includes Metalaxyl and Metalxyl(M))	X	X		X	X	X	X
Metconazole	X	X	X	X	X	X	X
Methabenzthiazuron	X	X	X	X	X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Methamidophos	X	X		X	X	X	X
Methiocarb (Mercaptodimethur)	X	X	X	X	X	X	X
Methiocarb sulfone	X	X	X	X	X	X	X
Methiocarb sulfoxide	X	X		X	X	X	X
Methomyl	X	X	X	X	X	X	X
Methoprotryne	X	X	X	X	X	X	X
Methoxyfenozide	X	X				X	
Metobromuron	X	X	X	X	X	X	X
Metolcarb	X	X	X	X	X	X	X
Metosulam	X	X					
Metoxuron	X	X	X	X	X	X	X
Metrafenone	X	X	X	X	X	X	X
Metribuzin	X					X	
Metsulfuron-methyl		X					
Mevinphos (Phosdrin)	X	X		X	X	X	
Mexacarbate	X	X	X	X	X	X	X
Monalide	X	X	X	X	X	X	X
Monocrotophos (Azodrin)	X	X	X		X	X	X
Monolinuron (Phenylurea)	X	X	X	X	X	X	X
Monuron	X	X	X	X	X	X	X
Moxidectin		X		X			X
Myclobutanil	X	X	X	X	X	X	X
Neburon (Phosphoramidothioic acid)	X	X	X	X	X	X	
Novaluron			X			X	X
Nuarimol				X			
Omethoate	X	X	X	X	X	X	X
Oxadixyl	X	X	X		X	X	X
Oxthiapiprolin	X	X	X	X	X	X	X
Oxycarboxin	X	X	X	X	X	X	X
Paclobutrazol	X	X	X	X	X	X	X
Penconazole	X	X	X	X	X	X	X
Penflufen	X	X	X	X	X	X	X
Penthiopyrad	X	X	X	X	X	X	X
Phenmedipham	X	X	X	X	X	X	X
Phorate Sulfone	X	X	X		X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Phorate Sulfoxide*	X	X	X	X	X	X	X
Phosfolan	X	X		X	X	X	X
Phosmet (Imidan)	X	X	X	X	X	X	X
Phosphamidon	X	X	X	X	X	X	X
Phoxim	X	X	X	X	X	X	X
Picaridin (Bayrepel)	X	X	X	X	X		X
Picolinafen	X	X	X	X	X	X	X
Picoxystrobin	X	X	X	X	X	X	X
Piperonyl butoxide	X	X	X	X	X	X	X
Piperophos	X	X	X	X	X	X	X
Pirimicarb	X	X	X	X	X	X	X
Pirimicarb, desmethyl-	X	X		X	X	X	X
Pirimicarb-desmethyl-formamido	X	X	X	X	X	X	X
Prallethrin	X	X	X	X	X	X	X
Prochloraz	X	X	X	X	X	X	X
Promecarb	X	X	X	X	X	X	X
Prometon	X	X	X	X	X	X	X
Prometryn	X	X	X	X	X	X	X
Propamocarb	X	X			X	X	
Propaquizafop	X	X	X	X	X	X	X
Propargite	X	X	X	X	X	X	X
Propazine	X	X	X	X	X	X	X
Propiconazole	X	X	X	X	X	X	
Propoxur	X	X	X	X	X	X	
Proquinazid	X	X	X		X	X	X
Pymetrozine	X	X			X	X	X
Pyracarbolid				X	X		X
Pyraclostrobin	X	X	X	X	X	X	
Pyraflufen Ethyl	X	X		X	X	X	X
Pyridaben	X	X	X	X	X	X	X
Pyridate		X					
Pyrifenox	X	X					

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Pyrimethanil	X			X	X	X	
Pyriproxyfen	X	X	X	X	X	X	X
Quinoxyfen	X	X	X		X	X	X
Quizalofop-ethyl	X	X	X	X	X	X	X
Rotenone			X	X	X	X	X
Sebuthylazine	X		X	X	X	X	X
Secbumeton	X	X	X	X	X	X	X
Siduron	X	X	X	X	X	X	X
Silthiofam							X
Simetryn	X	X	X	X	X	X	X
Spinetoram (Sum)	X	X	X	X	X	X	
Spinetoram J	X	X	X	X	X	X	
Spinetoram L	X	X	X	X	X	X	
Spinosad (Sum)	X	X	X	X	X	X	
Spinosyn A	X	X	X	X	X	X	
Spinosyn D	X	X	X	X	X	X	X
Spirodiclofen	X	X	X	X	X	X	X
Spiromesifen	X	X	X		X	X	X
Spirotetramat	X	X	X	X	X	X	X
Spiroxamine	X	X	X	X	X	X	X
Sulfentrazone	X	X					
Sulfoxaflor	X	X	X	X	X	X	X
Tebuconazole		X	X	X	X	X	X
Tebufenozide	X	X	X	X	X	X	X
Tebufenpyrad	X	X	X	X	X	X	
Tebutam	X	X	X	X	X	X	X
Tebuthiuron	X	X	X	X	X	X	X
Temephos	X	X	X	X	X	X	
Terbufos-Sulfone	X	X	X	X	X	X	X
Terbumeton	X	X	X	X	X	X	X
Terbutryn	X	X	X	X	X	X	X
Tetraconazole		X	X	X	X	X	X
Thiacloprid	X	X	X	X	X	X	X
Thiamethoxam	X	X	X		X	X	X

Compound Name	SANTE Commodity Group						
	1	2	3	4a	4b	5	6
Thiazafluron	X	X	X	X	X	X	X
Thidiazuron	X	X					
Thiobencarb	X	X	X	X	X	X	X
Thiodicarb	X	X	X	X	X	X	X
Thiofanox	X	X	X	X	X	X	X
Thiofanox-sulfoxide	X			X	X	X	X
Thiophanate-methyl	X	X	X	X	X	X	X
Tolfenpyrade	X	X	X	X	X	X	
Tralkoxydim	X	X	X		X	X	X
Triadimefon	X	X		X	X		
Triasulfuron (Logran)	X	X					
Triazoxide	X	X	X		X	X	X
Trichlorfon (DEP)	X			X	X	X	X
Tricyclazole	X	X		X	X	X	X
Tridemorph	X	X					
Trietazine	X	X	X	X	X	X	X
Trifloxystrobin	X	X	X	X	X	X	X
Trifloxysulfuron	X	X					
Triflumizol	X	X	X	X	X	X	X
Triflumuron	X	X	X	X		X	
Triflusulfuron-methyl	X	X					
Triticonazole	X	X					
Tritosulfuron		X					
Uniconazole-P	X	X	X	X	X	X	X
Zoxamide	X	X	X	X	X	X	X