


Client information	Analytical Report data
<b>Primonrecycling KFT</b> 2161 Csomád Kossuth Lajos út 47.	<b>Analytical Report number:</b> AR-24-HU-074403-02  <b>Sample number:</b> 140-2024-00072428 

Data provided by the client
<b>Name of sample:</b> Cocoa bean <b>Contact person:</b> Imre Fegyver

<b>Laboratory reception date:</b> 15.04.2024	<b>Start of Analysis:</b> 15.04.2024
<b>Type of sampling:</b> By the client	<b>End of Analysis:</b> 24.04.2024

Microbiological analyses				
Assay	Method	Result	Comment	
HUM28 Salmonella spp.	FAML-M-14:2021 (RAPID'Salmonella Agar Short Protocol)	Not Detected /25 g	Compliant	
HUM21 Coagulase positive Staphylococcus (Staphylococcus aureus and other species)	MSZ EN ISO 6888-1:2008 (withdrawn standard), MSZ EN ISO 6888-1:1999/A2:2018 (withdrawn standard)	<1×10 <sup>2</sup> cfu/g	Compliant	
HUM15 Escherichia coli number	MSZ ISO 16649-2:2005	<1×10 <sup>1</sup> cfu/g	Compliant	
HUM61 Anaerobic sulphite reducing clostridia number	MSZ ISO 15213:2006 (withdrawn standard)	<1×10 <sup>1</sup> cfu/g	Compliant	
HUM48 Moulds number	MSZ ISO 21527-2:2013	<1×10 <sup>1</sup> cfu/g	Compliant	

Physical-chemical analyses				
Assay	Method	Result	Comment	
HUF81 Moisture	MSZ 4220:1980	7.8 %	–	
HUTC2 Ochratoxin A	FAML-A-82:2021 (OCHRARHONE® WIDE)	<2 µg/kg	–	

Sensory analysis				
Assay, method	Result	Comment		
HUF07 Sensory analysis MSZ ISO 6658:2018 Section 5.4.2				
Colour, visual aspect	Light and dark reddish brown colored, almond shaped pieces. Few broken pieces.	–		
Smell	Acidic odour. Free of any extraneous odour.	–		
Taste	Typical of the product, slightly bitter taste , free of any extraneous taste.	–		
Texture	Almost same size dried pieces. Free of any extraneous material.	–		

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## Analyses performed by partner laboratory

Assay	Method	Result	Comment
Z0P07 Glyphosate, AMPA *	WBSE-90:2021		
AMPA		<0.05 mg/kg	–
Glyphosate		<0.05 mg/kg	Compliant
Z0P08 Pesticide screening LC MS/MS *	MSZ EN 15662:2018	Not Detected	–
Z0P09 Pesticide screening GC-MS/MS *	MSZ EN 15662:2018		
Other screened pesticides		Not Detected	–
Chlorpyrifos (-ethyl)		0.022 mg/kg	Non-compliant
Z0P26 Pesticide screening GC-MS/MS *	MSZ EN 15662:2018	Not Detected	–
Z0P25 Pesticide screening LC MS/MS *	MSZ EN 15662:2018	Not Detected	–

## Laboratory note

**This is the amendment version of the Analytical Report issued under the registry number of AR-24-HU-074403-01 on 24.04.2024. This version annuls the Analytical Report under registry number of AR-24-HU-074403-01.**

\* Z0P07, Z0P08, Z0P09: A cooperating laboratory accredited by NAH (Nemzeti Akkreditáló Hatóság) under the registry number of NAH-1-1009/2019, accredited sample testing completed by Eurofins Food and Feed Testing Budapest Kft. (Anonymus street 6, 1045, Budapest, HUNGARY).

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The results apply to the sample as received.

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The laboratory does not take any responsibility for data provided by the client.

## Relevant Standards and Laws

4/1998. (XI. 11.) EüM decree, Regulation (EC) No 396/2005

Gyula, 09.05.2024

Renáta Kenyeres  
Analytical Service Manager

Validity check of document



Z0P08: Pesticide screening LC-MS/MS - plant origin food (LC-MS/MS)

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
1 Pesticides screened (all)	0 -	2 Pesticides screened (other)	0 -	3 1-naphthylacetamide	0.01 mg / kg	4 1-Naphthylacetamide and 1-naphthylacetic acid (sum of 1-naphthylacetamide and 1-naphthylacetic acid and its salts, expressed as 1-naphthylacetic acid)	0.06 mg / kg
5 1-naphthylacetic acid	0.1 mg / kg	6 2,4,5-T	0.01 mg / kg	7 2,4-D (sum of 2,4-D, its salts, its esters and its conjugates, expressed as 2,4-D)	0.01 mg / kg	8 Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a, expressed as avermectin B1a)	0.01 mg / kg
9 Acephate	0.01 mg / kg	10 Acetamidiprid	0.01 mg / kg	11 Acibenzolar-s-methyl	0.01 mg / kg	12 Aldicarb	0.005 mg / kg
13 Aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	0.01 mg / kg	14 Aldicarb-sulfone	0.002 mg / kg	15 Aldicarb-sulfoxide	0.002 mg / kg	16 Ametoctradin	0.01 mg / kg
17 Ametryn	0.01 mg / kg	18 Amidosulfuron	0.01 mg / kg	19 Aminocarb	0.01 mg / kg	20 Amitraz (amitraz including the metabolites containing the 2,4 -dimethylaniline moiety expressed as amitraz)	0.02 mg / kg
21 Amitraze	0.01 mg / kg	22 Anilofos	0.01 mg / kg	23 Atrazin	0.01 mg / kg	24 Atrazin, deisopropyl-	0.01 mg / kg
25 Atrazin, desethyl-	0.01 mg / kg	26 Azaconazole	0.01 mg / kg	27 Azadirachtin	0.01 mg / kg	28 Azamethiphos	0.01 mg / kg
29 Azinphos-ethyl	0.01 mg / kg	30 Azinphos-methyl	0.01 mg / kg	31 Aziprotryn	0.01 mg / kg	32 Azoxystrobin	0.01 mg / kg
33 Barban	0.01 mg / kg	34 Beflubutamid	0.01 mg / kg	35 Bendiocarb	0.01 mg / kg	36 Bensulfuron methyl	0.01 mg / kg
37 Bentazone	0.01 mg / kg	38 Benthiavalicarb (Benthiavalicarb-isopropyl (KIF-230 R-L) and its enantiomer (KIF-230 S-D) and its diastereomers (KIF-230 S-L and KIF-230 R-D), expressed as benthiavalicarb-isopropyl)	0.01 mg / kg	39 Benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18)	0.06 mg / kg	40 Benzalkonium chloride-C10	0.01 mg / kg
41 Benzalkonium chloride-C12	0.01 mg / kg	42 Benzalkonium chloride-C14	0.01 mg / kg	43 Benzalkonium chloride-C16	0.01 mg / kg	44 Benzalkonium chloride-C18	0.01 mg / kg
45 Benzalkonium chloride-C8	0.01 mg / kg	46 Benzoaximate	0.01 mg / kg	47 Benzthiazuron (2)	0.01 mg / kg	48 Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate)	0.01 mg / kg
49 Bitertanol (sum of isomers)	0.01 mg / kg	50 Bixafen	0.01 mg / kg	51 Boscalid	0.01 mg / kg	52 Bromacil	0.01 mg / kg
53 Bromfenvinphos	0.01 mg / kg	54 Bromuconazole (sum of diastereoisomers)	0.01 mg / kg	55 Bupirimate	0.01 mg / kg	56 Buprofezin	0.01 mg / kg
57 Butafenacil	0.01 mg / kg	58 Butocarboxim	0.01 mg / kg	59 Butocarboxim-sulfoxide	0.01 mg / kg	60 Buturon	0.01 mg / kg
61 Butylate	0.01 mg / kg	62 Carbaryl	0.01 mg / kg	63 Carbenfendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	0.01 mg / kg	64 Carbetamide (sum of carbetamide and its S isomer)	0.01 mg / kg
65 Carboxin	0.01 mg / kg	66 Carfentrazone-ethyl	0.01 mg / kg	67 CHLORANTRANILIPROLE	0.01 mg / kg	68 Chlorbromuron	0.01 mg / kg
69 Chlordimeform	0.01 mg / kg	70 Chlorfenvinphos	0.01 mg / kg	71 Chlorfluazuron	0.01 mg / kg	72 Chloridazon	0.01 mg / kg
73 Chlorotoluron	0.01 mg / kg	74 Chloroxuron	0.01 mg / kg	75 Chlorsulfuron	0.01 mg / kg	76 Chlorthiamid	0.01 mg / kg
77 Chromafenozide	0.01 mg / kg	78 Cinidon-ethyl (sum of cinidon ethyl and its E-isomer)	0.01 mg / kg	79 Cinosulfuron	0.01 mg / kg	80 Clethodim	0.005 mg / kg
81 Clethodim (sum of Sethoxydim and Clethodim including degradation products calculated as Sethoxydim)	0.01 mg / kg	82 Climbazole	0.01 mg / kg	83 Clodinafop-propargyl	0.01 mg / kg	84 Clofentezine	0.01 mg / kg
85 Clomazone	0.01 mg / kg	86 Cloquintocet-mexyl	0.01 mg / kg	87 Clothianidin	0.01 mg / kg	88 Coumaphos	0.01 mg / kg
89 Crimidine	0.01 mg / kg	90 Crotoxypfos	0.01 mg / kg	91 Crufomate	0.01 mg / kg	92 Cyanazine	0.01 mg / kg
93 Cyantraniliprole	0.01 mg / kg	94 Cyazofamid	0.01 mg / kg	95 Cyclanilide	0.01 mg / kg	96 Cycloxydim	0.01 mg / kg
97 Cymoxanil	0.01 mg / kg	98 Cyphenothrine	0.01 mg / kg	99 Cyproconazole	0.01 mg / kg	100 Cyromazine	0.01 mg / kg
101 Deltamethrin (cis-deltamethrin)	0.01 mg / kg	102 Demeton-S	0.01 mg / kg	103 Demeton-S-methyl	0.01 mg / kg	104 Demeton-S-methyl-sulfoxide	0.005 mg / kg
105 Desmedipham	0.01 mg / kg	106 Difenthiuron	0.01 mg / kg	107 Dibrom (Naled)	0.01 mg / kg	108 Diclobutrazol	0.01 mg / kg
109 Diclofop	0.01 mg / kg	110 Diclofop-methyl	0.01 mg / kg	111 Dicrotophos	0.01 mg / kg	112 Didecyltrimethylammonium chloride (mixture of alkyl-quaternary ammonium salts with alkyl chain lengths of C8, C10 and C12)	0.03 mg / kg
113 Didecyltrimethylammonium chloride-C10	0.01 mg / kg	114 Didodecyl dimethyl ammonium chloride-C12	0.01 mg / kg	115 Diethofencarb	0.01 mg / kg	116 Diethyltoluamide (DEET)	0.01 mg / kg
117 Difenconazole	0.01 mg / kg	118 Difenoxyuron	0.01 mg / kg	119 Diflubenzuron	0.01 mg / kg	120 Diketotrilite (RPA 202248)	0.01 mg / kg
121 Dimefox	0.01 mg / kg	122 Dimetfuron	0.01 mg / kg	123 Dimethachlor	0.01 mg / kg	124 Dimethirimol	0.01 mg / kg
125 Dimethoate	0.01 mg / kg	126 Dimethomorph (sum of isomers)	0.01 mg / kg	127 Dimethylphenylformamide, 2,4-	0.01 mg / kg	128 Dimethylphenyl-N-methylformamide, N-2,4-	0.01 mg / kg
129 Dimoxystrobin	0.01 mg / kg	130 Dinotefuran	0.01 mg / kg	131 Diocetyltrimethylammonium chloride-C8	0.01 mg / kg	132 Dioxacarb	0.01 mg / kg
133 Dipropethyryne	0.01 mg / kg	134 Disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	0.01 mg / kg	135 Disulfoton-sulfon	0.005 mg / kg	136 Disulfoton-sulfoxide	0.002 mg / kg
137 Diuron	0.01 mg / kg	138 Dodemorph	0.01 mg / kg	139 Dodin	0.01 mg / kg	140 Edifenphos	0.01 mg / kg
141 Emamectin B1a and its salts, expressed as emamectin B1a (free base)	0.01 mg / kg	142 Ethidimuron	0.01 mg / kg	143 Ethiofencarb	0.01 mg / kg	144 Ethiofencarb-sulfone	0.01 mg / kg
145 Ethiofencarb-sulfoxide	0.01 mg / kg	146 Ethirimol	0.01 mg / kg	147 Ethofenprox	0.01 mg / kg	148 Ethofumesate	0.01 mg / kg
149 Ethoxyquin	0.01 mg / kg	150 Famophos	0.01 mg / kg	151 Famoxadone	0.01 mg / kg	152 Fenamidone	0.01 mg / kg
153 Fenamiphos	0.01 mg / kg	154 Fenazaquin	0.01 mg / kg	155 Fenbuconazole (sum of constituent enantiomers)	0.01 mg / kg	156 Fenchlorazole-ethyl	0.01 mg / kg
157 Fenfuram	0.01 mg / kg	158 Fenhexamid	0.01 mg / kg	159 Fenobucarb	0.01 mg / kg	160 Fenoxaprop-ethyl	0.01 mg / kg
161 Fenoxycarb	0.01 mg / kg	162 Fenpiclonil	0.01 mg / kg	163 Fenpropidin	0.01 mg / kg	164 Fenpropimorph (sum of isomers)	0.01 mg / kg
165 Fenpyrazamine	0.01 mg / kg	166 Fenpyroximate	0.01 mg / kg	167 Fensulfothion	0.01 mg / kg	168 Fensulfothion-sulfone	0.01 mg / kg
169 Fenthion	0.002 mg / kg	170 Fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent)	0.01 mg / kg	171 Fenthion-oxon	0.002 mg / kg	172 Fenthion-oxon-sulfone	0.002 mg / kg
173 Fenthion-oxon-sulfoxide	0.001 mg / kg	174 Fenthion-sulfone	0.002 mg / kg	175 Fenthion-sulfoxide	0.001 mg / kg	176 Fenuron	0.01 mg / kg
177 Fipronil	0.0025 mg / kg	178 Fipronil (sum of fipronil + sulfone metabolite (MB46136) expressed as fipronil)	0.005 mg / kg	179 Fipronil-sulfone	0.0025 mg / kg	180 Flamprop-isopropyl	0.01 mg / kg

Z0P08: Pesticide screening LC-MS/MS - plant origin food (LC-MS/MS)

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
181 Flamprop-methyl	0.01 mg / kg	182 Flazasulfuron	0.01 mg / kg	183 Flonicamid	0.005 mg / kg	184 Flonicamid (sum of flonicamid, TFNA and TFNG expressed as flonicamid)	0.02 mg / kg
185 Florasulam	0.01 mg / kg	186 Fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	0.01 mg / kg	187 Fluazinam	0.01 mg / kg	188 Fluazuron	0.01 mg / kg
189 Flubendiamide	0.01 mg / kg	190 Flufenoxuron	0.01 mg / kg	191 Flumioxazin	0.01 mg / kg	192 Fluometuron	0.01 mg / kg
193 Flupicolide	0.01 mg / kg	194 Fluoroglycofen-ethyl	0.01 mg / kg	195 Fluoroxypyr - meptyl	0.01 mg / kg	196 Flupyradifurone	0.01 mg / kg
197 Fluridone	0.01 mg / kg	198 Flurochloridone	0.01 mg / kg	199 Flurtamone	0.01 mg / kg	200 Flusilazole	0.01 mg / kg
201 Fluthiacet-methyl	0.01 mg / kg	202 Flutolanil	0.01 mg / kg	203 Fomesafen	0.01 mg / kg	204 Forchlorfenuron	0.01 mg / kg
205 Formetanate: Sum of formetanate and its salts expressed as formetanate(hydrochloride)	0.01 mg / kg	206 Formothion	0.01 mg / kg	207 Fosthiazate	0.01 mg / kg	208 Fuberidazole	0.01 mg / kg
209 Furalaxyl	0.01 mg / kg	210 Halfenprox	0.01 mg / kg	211 Halofenozide	0.01 mg / kg	212 Haloxypop (Sum of haloxypop, its esters, salts and conjugates expressed as haloxypop (sum of the R- and S-isomers at any ratio))	0.01 mg / kg
213 Haloxypop-ethoxyethyl	0.005 mg / kg	214 Haloxypop-Methyl (included-P-Methyl)	0.005 mg / kg	215 Hexaconazole	0.01 mg / kg	216 Hexaflumuron	0.01 mg / kg
217 Hexazinone	0.01 mg / kg	218 Hexythiazox (any ratio of constituent isomers)	0.01 mg / kg	219 Imazalil (any ratio of constituent isomers)	0.01 mg / kg	220 Imazaquin	0.01 mg / kg
221 Imidacloprid	0.01 mg / kg	222 Iodosulfuron-methyl (sum of idosulfuron-methyl and its salts, expressed as idosulfuron-methyl)	0.01 mg / kg	223 Ioxynil (sum of ioxynil and its salts, expressed as ioxynil)	0.01 mg / kg	224 Iprovalicarb	0.01 mg / kg
225 Isocarbamid	0.01 mg / kg	226 Isofetamid	0.01 mg / kg	227 Isoprocab	0.01 mg / kg	228 Isoproturon	0.01 mg / kg
229 Isopirazam	0.01 mg / kg	230 Isoxaben	0.01 mg / kg	231 Isoxadifen-ethyl	0.01 mg / kg	232 Isoxaflutole	0.01 mg / kg
233 Isoxaflutole (sum of isoxaflutole and its diketonitrile-metabolite, expressed as isoxaflutole)	0.02 mg / kg	234 Isoxathion	0.01 mg / kg	235 Lenacil	0.01 mg / kg	236 Linuron	0.01 mg / kg
237 Lufenuron (any ratio of constituent isomers)	0.01 mg / kg	238 Malaaxon	0.005 mg / kg	239 Malathion	0.005 mg / kg	240 Malathion (sum of malathion and malaaxon expressed as malathion)	0.01 mg / kg
241 Mandipropamid (any ratio of constituent isomers)	0.01 mg / kg	242 MCPA	0.005 mg / kg	243 MCPA and MCPB (MCPA, MCPB including their salts, esters and conjugates expressed as MCPA)	0.01 mg / kg	244 MCPA-butotyl	0.005 mg / kg
245 MCPB	0.005 mg / kg	246 Mecarbam	0.01 mg / kg	247 Mecoprop (sum of mecoprop-p and mecoprop expressed as mecoprop)	0.01 mg / kg	248 Mefenpyr-diethyl	0.01 mg / kg
249 Mepanipyrim	0.01 mg / kg	250 Mephosfolan	0.01 mg / kg	251 Mepronil	0.01 mg / kg	252 Mesotrione	0.01 mg / kg
253 Metaflumizone (sum of E- and Z-isomers)	0.01 mg / kg	254 Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	0.01 mg / kg	255 Metamitron	0.01 mg / kg	256 Metazachlor	0.01 mg / kg
257 Metconazole (sum of isomers)	0.01 mg / kg	258 Methabenzthiazuron	0.01 mg / kg	259 Methamidophos	0.01 mg / kg	260 Methfuroxam	0.01 mg / kg
261 Methidathion	0.01 mg / kg	262 Methiocarb	0.01 mg / kg	263 Methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	0.03 mg / kg	264 Methiocarb-sulfone	0.01 mg / kg
265 Methiocarb-sulfoxide	0.01 mg / kg	266 Methomyl	0.01 mg / kg	267 Methoprotin	0.01 mg / kg	268 Methoxyfenozid	0.01 mg / kg
269 Metobromuron	0.01 mg / kg	270 Metolcarb	0.01 mg / kg	271 Metosulam	0.01 mg / kg	272 Metoxuron	0.01 mg / kg
273 Metrafenone	0.01 mg / kg	274 Metribuzin	0.01 mg / kg	275 Metsulfuron-methyl	0.01 mg / kg	276 Milbectin (sum of milbemycin A4 and milbemycin A3, expressed as milbectin)	0.2 mg / kg
277 Molinate	0.01 mg / kg	278 Monocrotophos	0.01 mg / kg	279 Monolinuron	0.01 mg / kg	280 Monuron	0.01 mg / kg
281 Napropamide	0.01 mg / kg	282 N-Desethyl-pirimiphos-methyl	0.01 mg / kg	283 Neburon	0.01 mg / kg	284 Nicosulfuron	0.01 mg / kg
285 Nitenpyram	0.01 mg / kg	286 Norflurazon	0.01 mg / kg	287 Novaluron	0.01 mg / kg	288 Nuairimol	0.01 mg / kg
289 Ofurace	0.01 mg / kg	290 Omethoate	0.01 mg / kg	291 Oxadixyl	0.01 mg / kg	292 Oxamyl	0.01 mg / kg
293 Oxamyl-oxime	0.01 mg / kg	294 Oxathiaprolin	0.01 mg / kg	295 Oxycarboxin	0.01 mg / kg	296 Oxydemeton-methyl	0.005 mg / kg
297 Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	0.01 mg / kg	298 Paraaxon-ethyl	0.01 mg / kg	299 Paraaxon-methyl	0.005 mg / kg	300 Parathion-methyl (sum of Parathion-methyl and paraoxon-methyl expressed as Parathion-methyl)	0.01 mg / kg
301 Pencycuron	0.01 mg / kg	302 Penthiopyrad	0.01 mg / kg	303 Phenmedipham	0.01 mg / kg	304 Phorate	0.01 mg / kg
305 Phorate-sulfone	0.01 mg / kg	306 Phorate-sulfoxide	0.01 mg / kg	307 Phosalone	0.01 mg / kg	308 Phosmet	0.01 mg / kg
309 Phosphamidon	0.01 mg / kg	310 Phoxim	0.01 mg / kg	311 Picolinafen	0.01 mg / kg	312 Picoxystrobin	0.01 mg / kg
313 Pirimicarb	0.01 mg / kg	314 Pirimicarb, desmethyl-	0.01 mg / kg	315 Pirimicarb, desmethyl-formamido-	0.01 mg / kg	316 Primisulfuron-methyl	0.01 mg / kg
317 Prochloraz	0.01 mg / kg	318 Profoxydim	0.01 mg / kg	319 Promecarb	0.01 mg / kg	320 Prometon	0.01 mg / kg
321 Prometryn	0.01 mg / kg	322 Propachlor	0.01 mg / kg	323 Propamocarb (Sum of propamocarb and its salts, expressed as propamocarb)	0.01 mg / kg	324 Propanil	0.01 mg / kg
325 Propaquizafop	0.005 mg / kg	326 Propargite	0.01 mg / kg	327 Propetamphos	0.01 mg / kg	328 Propisochlor	0.01 mg / kg
329 Propoxur	0.01 mg / kg	330 Propyzamid	0.01 mg / kg	331 Proquinazid	0.01 mg / kg	332 Prosulfocarb	0.01 mg / kg
333 Prosulfuron	0.01 mg / kg	334 Prothioconazole: prothioconazole-desthio (sum of isomers)	0.01 mg / kg	335 Prothoate	0.01 mg / kg	336 Pymetrozine	0.01 mg / kg
337 Pyraclofos	0.01 mg / kg	338 Pyraclostrobin	0.01 mg / kg	339 Pyraflufen-ethyl	0.01 mg / kg	340 Pyrethrins	0.01 mg / kg
341 Pyridafol	0.01 mg / kg	342 Pyridalyl	0.01 mg / kg	343 Pyridaphenthion	0.01 mg / kg	344 Pyrifeno	0.01 mg / kg
345 Pyriproxyfen	0.01 mg / kg	346 Quinalphos	0.01 mg / kg	347 Quinoclamine	0.01 mg / kg	348 Quizalofop	0.01 mg / kg
349 Quizalofop and Quizalofop-P	0.005 mg / kg	350 Quizalofop-ethyl and Quizalofop-P-ethyl	0.005 mg / kg	351 Quizalofop-P-tefuryl	0.005 mg / kg	352 Resmethrin (resmethrin including other mixtures of constituent isomers (sum of isomers))	0.01 mg / kg
353 Rimsulfuron	0.01 mg / kg	354 Rotenone	0.01 mg / kg	355 RPA 203328	0.01 mg / kg	356 Sebutylazine	0.01 mg / kg
357 Secbumeton	0.01 mg / kg	358 Sethoxydim	0.005 mg / kg	359 Silafluofen (Silaneophan)	0.01 mg / kg	360 Silthiofom	0.01 mg / kg
361 Simazine	0.01 mg / kg	362 Simeconazole	0.01 mg / kg	363 Simetryn	0.01 mg / kg	364 Spinetoram (sum of spinetoram-J and spinetoram-L)	0.01 mg / kg
365 Spinosad (sum of spinosyn A and spinosyn D)	0.01 mg / kg	366 Spirodiclofen	0.01 mg / kg	367 Spiromesifen	0.01 mg / kg	368 Spiroxamine (sum of isomers)	0.01 mg / kg

## Z0P08: Pesticide screening LC-MS/MS - plant origin food (LC-MS/MS)

	Parameter	LOQ		Parameter	LOQ		Parameter	LOQ		Parameter	LOQ
369	Sulcotrione	0.01 mg / kg	370	Sulfentrazone	0.01 mg / kg	371	Sulfosulfuron	0.01 mg / kg	372	Sulfoxaflor (sum of isomers)	0.01 mg / kg
373	Sulprofos	0.01 mg / kg	374	Sum of diclofop-methyl, diclofop acid and its salts, expressed as diclofop-methyl (sum of isomers)	0.02 mg / kg	375	Tebufenozide	0.01 mg / kg	376	Tebufenpyrad	0.01 mg / kg
377	Tebutam	0.01 mg / kg	378	Tebuthiuron	0.01 mg / kg	379	Teflubenzuron	0.01 mg / kg	380	Temephos	0.01 mg / kg
381	TEPP	0.01 mg / kg	382	Tepraloxymid	0.01 mg / kg	383	Terbacil	0.01 mg / kg	384	Tetrachlorvinphos	0.01 mg / kg
385	Tetramethrin	0.01 mg / kg	386	TFNA	0.005 mg / kg	387	TFNG	0.005 mg / kg	388	Thiabendazole	0.01 mg / kg
389	Thiabendazole, 5-hydroxy-	0.01 mg / kg	390	Thiacloprid	0.01 mg / kg	391	Thiamethoxam	0.01 mg / kg	392	Thidiazuron	0.01 mg / kg
393	Thiencysulfuron methyl	0.01 mg / kg	394	Thiodicarb	0.01 mg / kg	395	Thiofanox-sulfone	0.01 mg / kg	396	Thiofanox-sulfoxide	0.01 mg / kg
397	Thiometon	0.01 mg / kg	398	Thionazin	0.01 mg / kg	399	Thiophanate (-ethyl)	0.01 mg / kg	400	Thiophanate-methyl	0.01 mg / kg
401	Tralkoxydim (sum of the constituent isomers of tralkoxydim)	0.01 mg / kg	402	Triasulfuron	0.01 mg / kg	403	Triazamate	0.01 mg / kg	404	Triazophos	0.01 mg / kg
405	Tribenuronmethyl	0.01 mg / kg	406	Trichlorfon	0.01 mg / kg	407	Tricyclazol	0.01 mg / kg	408	Tridemorph	0.01 mg / kg
409	Trietazine	0.01 mg / kg	410	Triflumizole	0.01 mg / kg	411	Triflumuron	0.01 mg / kg	412	Triforine	0.01 mg / kg
413	Triticonazole	0.01 mg / kg	414	Uniconazole	0.01 mg / kg	415	Valifenalate	0.01 mg / kg	416	Vamidothion	0.01 mg / kg
417	Zoxamid	0.01 mg / kg		0			0			0	

## Z0P09: Pesticide screening GC-MS/MS - plant origin food (GC-MS/MS)

	Parameter	LOQ		Parameter	LOQ		Parameter	LOQ		Parameter	LOQ
1	! Pesticides screened (all)	0 -	2	! Pesticides screened (other)	0 -	3	1,4-dimethylnaphthalene	0.01 mg / kg	4	2-Phenylphenol	0.01 mg / kg
5	Acetochlor	0.01 mg / kg	6	Adonifen	0.01 mg / kg	7	Acrinathrin	0.01 mg / kg	8	Alachlor	0.01 mg / kg
9	Aldrin	0.005 mg / kg	10	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)	0.01 mg / kg	11	Allethrin	0.01 mg / kg	12	Anthraquinone	0.01 mg / kg
13	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	0.01 mg / kg	14	Benfluralin	0.01 mg / kg	15	Benzoylprop-ethyl	0.01 mg / kg	16	Beta-Cyfluthrin	0.01 mg / kg
17	Bifenox	0.01 mg / kg	18	Bifenthrin (sum of isomers)	0.01 mg / kg	19	Biphenyl	0.01 mg / kg	20	Bromophos	0.01 mg / kg
21	Bromophos-ethyl	0.01 mg / kg	22	Bromopropylate	0.01 mg / kg	23	Cadusafos	0.01 mg / kg	24	Captan (sum of captan/THPI, expressed as captan)	0.01 mg / kg
25	Carbophenothion	0.01 mg / kg	26	Chinomethionate	0.01 mg / kg	27	Chlorbufam	0.01 mg / kg	28	Chlordane (sum of cis- and trans-chlordane)	0.01 mg / kg
29	Chlordane, cis- or alpha	0.005 mg / kg	30	Chlordane, trans- or gamma	0.005 mg / kg	31	Chlorfenapyr	0.01 mg / kg	32	Chlorfenprop-methyl	0.01 mg / kg
33	Chlormephos	0.01 mg / kg	34	Chloroneb	0.01 mg / kg	35	Chloropropylate	0.01 mg / kg	36	Chlorothalonil	0.01 mg / kg
37	Chlorpropham	0.01 mg / kg	38	Chlorpyrifos (-ethyl)	0.01 mg / kg	39	Chlorpyrifos-methyl	0.01 mg / kg	40	Chlorthal-dimethyl	0.01 mg / kg
41	Chlorthion	0.01 mg / kg	42	Chlorthiophos	0.01 mg / kg	43	Chlzolinate	0.01 mg / kg	44	Cyanofenphos	0.01 mg / kg
45	Cycloate	0.01 mg / kg	46	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers))	0.01 mg / kg	47	Cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	0.01 mg / kg	48	Cyprodinil	0.01 mg / kg
49	DDD, o,p-	0.005 mg / kg	50	DDD, p,p-	0.005 mg / kg	51	DDE, o,p-	0.005 mg / kg	52	DDE, p,p'-	0.005 mg / kg
53	DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	0.02 mg / kg	54	DDT, o,p'-	0.005 mg / kg	55	DDT, p,p-	0.005 mg / kg	56	Desmetryn	0.01 mg / kg
57	Dialifos	0.01 mg / kg	58	Diazinon	0.01 mg / kg	59	Dicaphton (Iso-Chlorthion)	0.01 mg / kg	60	Dichlobenil	0.01 mg / kg
61	Dichlofenthion	0.01 mg / kg	62	Dichlofluanid	0.01 mg / kg	63	Dichloran	0.01 mg / kg	64	Dichlorvos	0.01 mg / kg
65	Dicofol (sum of p, p', p' and o,p' isomers)	0.01 mg / kg	66	Dieldrin	0.005 mg / kg	67	Diffenican	0.01 mg / kg	68	Dimethenamid including other mixtures of constituent isomers including dimethenamid-P (sum of isomers)	0.01 mg / kg
69	Diniconazole (sum of isomers)	0.01 mg / kg	70	Diphenamid	0.01 mg / kg	71	Diphenylamine	0.01 mg / kg	72	Disulfoton	0.003 mg / kg
73	Ditalimfos	0.01 mg / kg	74	Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)	0.01 mg / kg	75	Endosulfan alpha	0.005 mg / kg	76	Endosulfan sulfate	0.002 mg / kg
77	Endosulfan, beta-	0.003 mg / kg	78	Endrin	0.01 mg / kg	79	Endrin aldehyde	0.01 mg / kg	80	Endrin ketone	0.01 mg / kg
81	EPN	0.01 mg / kg	82	Epoxiconazole	0.01 mg / kg	83	EPTC (ethyl dipropylthiocarbamate)	0.01 mg / kg	84	Etaconazole	0.01 mg / kg
85	Ethion	0.01 mg / kg	86	Ethoprophos	0.01 mg / kg	87	Etoxazole	0.01 mg / kg	88	Etridiazole	0.01 mg / kg
89	Etrifos	0.01 mg / kg	90	Fenarimol	0.01 mg / kg	91	Fenchlorphos	0.005 mg / kg	92	Fenchlorphos (sum of fenchlorphos and fenchlorphos oxon expressed as fenchlorphos)	0.01 mg / kg
93	Fenchlorphos oxon	0.005 mg / kg	94	Fenitrothion	0.01 mg / kg	95	Fenpropathrin	0.01 mg / kg	96	Fenson	0.01 mg / kg
97	Fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate)	0.01 mg / kg	98	Fluazifop-P-butyl	0.005 mg / kg	99	Fluchloralin	0.01 mg / kg	100	Flucythrinate (flucythrinate including other mixtures of constituent isomers (sum of isomers)) (F)	0.01 mg / kg
101	Fludioxonil	0.01 mg / kg	102	Flumetralin	0.01 mg / kg	103	Flupyram	0.01 mg / kg	104	Fluquinconazole	0.01 mg / kg
105	Flutriafol	0.01 mg / kg	106	Fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate	0.01 mg / kg	107	Fluxapyroxad	0.01 mg / kg	108	Folpet (sum of folpet and phtalimide, expressed as folpet)	0.02 mg / kg
109	Fonofos	0.01 mg / kg	110	Heptachlor	0.003 mg / kg	111	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	0.01 mg / kg	112	Heptachlor epoxide, cis-	0.003 mg / kg
113	Heptachlor epoxide, trans-	0.003 mg / kg	114	Heptenophos	0.01 mg / kg	115	Hexachlorobenzene (HCB)	0.01 mg / kg	116	Hexachlorocyclohexane (HCH), alpha-isomer	0.01 mg / kg
117	Hexachlorocyclohexane (HCH), beta-isomer	0.01 mg / kg	118	Hexachlorocyclohexane (HCH), delta-isomer	0.01 mg / kg	119	Hexachlorocyclohexane (HCH), epsilon-isomer	0.01 mg / kg	120	Icaridin	0.01 mg / kg
121	Indoxacarb (sum of indoxacarb and its R enantiomer)	0.01 mg / kg	122	Iodofenphos	0.01 mg / kg	123	Iprobenfos	0.01 mg / kg	124	Iprodione	0.01 mg / kg
125	Isocarbofos	0.01 mg / kg	126	Isodrin	0.01 mg / kg	127	Isofenphos	0.01 mg / kg	128	Isofenphos-Methyl	0.01 mg / kg
129	Kresoxim-methyl	0.01 mg / kg	130	Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers)	0.01 mg / kg	131	Leptophos	0.01 mg / kg	132	Lindane (Gamma-isomer of hexachlorocyclohexane (HCH))	0.01 mg / kg
133	Methacrifos	0.01 mg / kg	134	Methoxychlor	0.01 mg / kg	135	Metolachlor and S-metolachlor (metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers))	0.01 mg / kg	136	Mevinphos (sum of E- and Z-isomers)	0.01 mg / kg

## Z0P09: Pesticide screening GC-MS/MS - plant origin food (GC-MS/MS)

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
137 Mirex	0.01 mg / kg	138 Myclobutanil (sum of constituent isomers)	0.01 mg / kg	139 Nitrilrin	0.01 mg / kg	140 Nitrofen	0.01 mg / kg
141 Oxadiazon	0.01 mg / kg	142 Oxychloridane	0.01 mg / kg	143 Oxyfluorfen	0.01 mg / kg	144 Paclobutrazol (sum of constituent isomers)	0.01 mg / kg
145 Parathion	0.01 mg / kg	146 Parathion-methyl	0.005 mg / kg	147 Penconazole (sum of constituent isomers)	0.01 mg / kg	148 Pendimethalin	0.01 mg / kg
149 Pentachloroaniline	0.005 mg / kg	150 Pentachloroanisole	0.01 mg / kg	151 Pentachlorobenzene	0.01 mg / kg	152 Permethrin (sum of isomers)	0.01 mg / kg
153 Perthane	0.01 mg / kg	154 Phentakton	0.01 mg / kg	155 Phenothrin (phenothrin including other mixtures of constituent isomers (sum of isomers))	0.01 mg / kg	156 Phenthoate	0.01 mg / kg
157 Piperonyl butoxide	0.01 mg / kg	158 Pirimiphos-ethyl	0.01 mg / kg	159 Pirimiphos-methyl	0.01 mg / kg	160 Procydonone	0.01 mg / kg
161 Profenofos	0.01 mg / kg	162 Profluralin	0.01 mg / kg	163 Propazin	0.01 mg / kg	164 Propiconazole (sum of isomers)	0.01 mg / kg
165 Prothiofos	0.01 mg / kg	166 Pyrazophos	0.01 mg / kg	167 Pyridaben	0.01 mg / kg	168 Pyrimethanil	0.01 mg / kg
169 Quinoxifen	0.01 mg / kg	170 Quintozene	0.005 mg / kg	171 Quintozene (sum of quintozene and pentachloro-aniline expressed as quintozene)	0.01 mg / kg	172 S 421	0.01 mg / kg
173 Sulfotep	0.01 mg / kg	174 Tebuconazol	0.01 mg / kg	175 Tecnazene	0.01 mg / kg	176 Tefluthrin (tefluthrin including other mixtures of constituent isomers (sum of isomers))	0.01 mg / kg
177 Terbufos	0.01 mg / kg	178 Terbumeton	0.01 mg / kg	179 Terbutylazine	0.01 mg / kg	180 Terbutryn	0.01 mg / kg
181 Tetraconazole	0.01 mg / kg	182 Tetradifon	0.01 mg / kg	183 Thiobencarb	0.01 mg / kg	184 Tolclofos-methyl	0.01 mg / kg
185 Tolyfluanid	0.01 mg / kg	186 Triadimefon	0.01 mg / kg	187 Triadimenol (any ratio of constituent isomers)	0.01 mg / kg	188 Triallate	0.01 mg / kg
189 Triamiphos	0.01 mg / kg	190 Trichloronat	0.01 mg / kg	191 Trifloxystrobin	0.01 mg / kg	192 Trifluralin	0.01 mg / kg
193 Vinclozolin	0.01 mg / kg		0		0		0

## Z0P25: Pesticide screening LC-MS/MS-plant origin food (LC-MS/MS)

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
1 ! Pesticides screened (all)	0 -	2 ! Pesticides screened (other)	0 -	3 Azocyclotin	0.01 mg / kg	4 Bensulide	0.01 mg / kg
5 Butoxycarboxim	0.01 mg / kg	6 Cetrimonium Chloride	0.01 mg / kg	7 Chlorophacinone	0.01 mg / kg	8 Cymiazol	0.01 mg / kg
9 Dinoseb	0.01 mg / kg	10 Dinoterb	0.01 mg / kg	11 Diphacinone	0.01 mg / kg	12 DNOC and DNOC ammonium	0.01 mg / kg
13 Fenbutatin oxide	0.01 mg / kg	14 Fentin (including its salts)	0.01 mg / kg	15 Karanjin	0.01 mg / kg	16 Matrine	0.01 mg / kg
17 Oxymatrine	0.01 mg / kg	18 Pentachlorophenol	0.01 mg / kg	19 Phosmet-oxon	0.01 mg / kg	20 Prallethrin	0.01 mg / kg
21 Spirotetramat	0.01 mg / kg	22 Spirotetramat and spirotetramat-enol total; type of spirotetramat (R)	0.01 mg / kg	23 Spirotetramat-enol	0.01 mg / kg	24 Spirotetramat-enolglucoside	0.01 mg / kg
25 Spirotetramat-ketohydroxy	0.01 mg / kg	26 Spirotetramat-monohydroxy	0.01 mg / kg	27 TCMTB	0.01 mg / kg	28 XMC	0.01 mg / kg

## Z0P26: Pesticide screening GC-MS/MS-plant origin food (GC-MS/MS)

Parameter	LOQ	Parameter	LOQ	Parameter	LOQ	Parameter	LOQ
1 ! Pesticides screened (all)	0 -	2 ! Pesticides screened (other)	0 -	3 Bioresmethrin	0.01 mg / kg	4 Chlordecon	0.01 mg / kg
5 CHLORETHOXYFOS	0.01 mg / kg	6 Cymiazol	0.01 mg / kg		0		0