

## REPORT

Report No.: 768152/1

Sample number: 2547953

<b>Customer name/address:</b>	BIOMAG-MALOM és Terményfeldolgozó Kft. 9165 Rábcakapi Fő u. 31.
<b>Project:</b>	Laboratory analysis (2022/E/09781)
<b>Description of sample:</b>	Bio vöröshagyma
<b>Sample ID:</b>	Bio vöröshagyma
<b>Producer:</b>	
<b>Sample type:</b>	Fruits, vegetables and their products
<b>Sampling by:</b>	Németh István
<b>Sampling date / Sampling place:</b>	13. 10. 2022. / Rábcakapi
<b>Packaging / Quantity:</b>	Plastic bag / 1000 g
<b>Time of shipment:</b>	09:45 14. 10. 2022.
<b>Beginning of analysis / end:</b>	14. 10. 2022. - 20. 10. 2022.
<b>Comments:</b>	

### Chemical-physical parameters

#### Pesticides method: MSZ EN 15662:2018

Investigated parameter	Result (mg/kg)	Employed method
1,4-Dimethylnaphthalene	<0.01	GC-MS/MS
2-phenylphenol	<0.02	GC-MS/MS
Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a)	<0.01	LC-MS/MS
Acephate	<0.01	LC-MS/MS
Acetamiprid	<0.01	LC-MS/MS
Acetochlor	<0.01	GC-MS/MS
Acibenzolar-S-Methyl	<0.01	GC-MS/MS; LC-MS/MS
Aclonifen	<0.01	GC-MS/MS
Acrinathrin	<0.01	GC-MS/MS
Alachlor	<0.01	GC-MS/MS; LC-MS/MS
Aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	<0.01	-
- Aldicarb	<0.005	LC-MS/MS
- Aldicarb-Sulfone	<0.002	LC-MS/MS
- Aldicarb-Sulfoxide	<0.002	LC-MS/MS
Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)	<0.01	-
- Aldrin	<0.005	GC-MS/MS
- Dieldrin	<0.005	GC-MS/MS
Allethrin	<0.01	GC-MS/MS
Ametoctradin	<0.01	LC-MS/MS
Ametryn	<0.01	GC-MS/MS; LC-MS/MS
Amidosulfuron	<0.01	LC-MS/MS
Aminocarb	<0.01	LC-MS/MS
Amitraz (amitraz including the metabolites containing the 2,4-dimethylaniline moiety expressed as amitraz)	<0.02	-
- Amitraz	<0.005	LC-MS/MS
- Dimethylphenylformamide, 2,4-	<0.005	LC-MS/MS
- Dimethylphenyl-N-methylformamide, N-2,4-	<0.01	LC-MS/MS
Anilofos	<0.01	LC-MS/MS
Anthraquinone	<0.01	GC-MS/MS
Atrazine	<0.01	GC-MS/MS; LC-MS/MS

Investigated parameter	Result (mg/kg)	Employed method
Atrazine, Desethyl-	<0.01	GC-MS/MS; LC-MS/MS
Atrazine, Desisopropyl-	<0.01	GC-MS/MS; LC-MS/MS
Azaconazole	<0.01	LC-MS/MS
Azadirachtin	<0.01	LC-MS/MS
Azamethiphos	<0.01	LC-MS/MS
Azinphos-Ethyl	<0.01	GC-MS/MS; LC-MS/MS
Azinphos-Methyl	<0.01	GC-MS/MS; LC-MS/MS
Aziprotryne	<0.01	LC-MS/MS
Azoxystrobin	<0.01	LC-MS/MS
Barban	<0.01	LC-MS/MS
Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	<0.01	GC-MS/MS
Bendiocarb	<0.01	LC-MS/MS
Benfluralin	<0.01	GC-MS/MS
Bensulfuron-Methyl	<0.01	LC-MS/MS
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	LC-MS/MS
Benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18)	<0.06	-
- Benzalkonium chloride-C8	<0.01	LC-MS/MS
- Benzalkonium chloride-C10	<0.01	LC-MS/MS
- Benzalkonium chloride-C12	<0.01	LC-MS/MS
- Benzalkonium chloride-C14	<0.01	LC-MS/MS
- Benzalkonium chloride-C16	<0.01	LC-MS/MS
- Benzalkonium chloride-C18	<0.01	LC-MS/MS
Benzoximate	<0.01	LC-MS/MS
Benzoylprop-Ethyl	<0.01	GC-MS/MS
Bentthiazuron	<0.01	LC-MS/MS
Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate)	<0.01	LC-MS/MS



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Bifenoxy	<0.01	GC-MS/MS
Bifenthrin (sum of isomers)	<0.01	GC-MS/MS
Biphenyl	<0.01	GC-MS/MS
Bitertanol	<0.01	LC-MS/MS
Bixafen	<0.01	LC-MS/MS
Boscalid	<0.01	LC-MS/MS
Bromacil	<0.01	LC-MS/MS
Bromfenvinfos	<0.01	LC-MS/MS
Bromophos-Ethyl	<0.01	GC-MS/MS
Bromophos-Methyl	<0.01	GC-MS/MS
Bromopropylate	<0.01	GC-MS/MS
Bromuconazole (sum of diastereoisomers)	<0.01	LC-MS/MS
Bupirimate	<0.01	GC-MS/MS; LC-MS/MS
Buprofezin	<0.01	GC-MS/MS; LC-MS/MS
Butafenacil	<0.01	LC-MS/MS
Butocarboxim	<0.01	LC-MS/MS
Butocarboxim-Sulfoxide	<0.01	LC-MS/MS
Buturon	<0.01	LC-MS/MS
Butylate	<0.01	LC-MS/MS
Cadusafos	<0.01	GC-MS/MS
Captan (Sum of captan and THPI, expressed as captan)	<0.02	GC-MS/MS
Carbaryl	<0.01	LC-MS/MS
Carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	<0.01	LC-MS/MS
Carbetamide	<0.01	LC-MS/MS
Carbophenothion	<0.01	GC-MS/MS
Carboxin	<0.01	LC-MS/MS
Carfentrazone-ethyl	<0.01	LC-MS/MS
Chinomethionat	<0.01	GC-MS/MS
Chlorantraniliprole (DPX E-2Y45)	<0.01	LC-MS/MS
Chlorbromuron	<0.01	LC-MS/MS
Chlorbufam	<0.01	GC-MS/MS
Chlordane (sum of cis- and trans-chlordane)	<0.01	-
- Chlordane, cis-/alpha-,	<0.005	GC-MS/MS
- Chlordane, trans-/gamma-,	<0.005	GC-MS/MS
Chlordimeform	<0.01	LC-MS/MS
Chlorfenapyr	<0.01	GC-MS/MS
Chlorfenprop-Methyl	<0.01	GC-MS/MS
Chlorfenvinphos	<0.01	LC-MS/MS
Chlorfluazuron	<0.01	LC-MS/MS
Chloridazon	<0.01	LC-MS/MS
Chlormephos	<0.01	GC-MS/MS
Chloroneb	<0.01	GC-MS/MS
Chloropropylate	<0.01	GC-MS/MS
Chlorothalonil	<0.01	GC-MS/MS
Chlorotoluron	<0.01	LC-MS/MS
Chloroxuron	<0.01	LC-MS/MS
Chlorpropham	<0.01	GC-MS/MS
Chlorpyrifos (-Ethyl)	<0.01	GC-MS/MS; LC-MS/MS
Chlorpyrifos-Methyl	<0.01	GC-MS/MS; LC-MS/MS
Chlorsulfuron	<0.01	LC-MS/MS
Chlorthal-Dimethyl	<0.01	GC-MS/MS
Chlorthiamid	<0.01	GC-MS/MS; LC-MS/MS

Investigated parameter	Result (mg/kg)	Employed method
Chlorthion	<0.01	GC-MS/MS
Chlorthiophos	<0.01	GC-MS/MS
Clothianidin	<0.01	LC-MS/MS
Chlzolinate	<0.01	GC-MS/MS
Chromafenozide	<0.01	LC-MS/MS
Cinidon-ethyl (sum of cinidon ethyl and its E-isomer)	<0.01	LC-MS/MS
Cinosulfuron	<0.01	LC-MS/MS
Clethodim (sum of Sethoxydim and Clethodim including degradation products calculated as Sethoxydim)	<0.01	-
- Clethodim	<0.005	LC-MS/MS
- Sethoxydim	<0.005	LC-MS/MS
Climbazole	<0.01	LC-MS/MS
Clodinafop-Propargyl	<0.01	LC-MS/MS
Clofentezine	<0.01	LC-MS/MS
Clomazone	<0.01	LC-MS/MS
Cloquintocet-Mexyl	<0.01	LC-MS/MS
Coumaphos	<0.01	LC-MS/MS
Crimidine	<0.01	LC-MS/MS
Crotoxyphos	<0.01	LC-MS/MS
Crufomate	<0.01	LC-MS/MS
Cyanazine	<0.01	LC-MS/MS
Cyanofenphos	<0.01	GC-MS/MS
Cyantraniliprole	<0.01	LC-MS/MS
Cyazofamid	<0.01	LC-MS/MS
Cycloate	<0.01	GC-MS/MS
Cycloxydim	<0.01	LC-MS/MS
Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers))	<0.01	GC-MS/MS
Cymiazol *	<0.01	GC-MS/MS; LC-MS/MS
Cymoxanil	<0.01	LC-MS/MS
Cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	<0.01	GC-MS/MS
Cyphenothrin	<0.01	LC-MS/MS
Cyproconazole	<0.01	LC-MS/MS
Cyprodinil	<0.01	GC-MS/MS
Cyromazine	<0.01	LC-MS/MS
DDD, o,p-	<0.005	GC-MS/MS
DDE, o,p-	<0.005	GC-MS/MS
DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	<0.02	-
- DDD, p,p-	<0.005	GC-MS/MS
- DDE, p,p-	<0.005	GC-MS/MS
- DDT, o,p-	<0.005	GC-MS/MS
- DDT, p,p-	<0.005	GC-MS/MS
Deltamethrin (cis-deltamethrin)	<0.01	GC-MS/MS; LC-MS/MS
Demeton-S	<0.01	LC-MS/MS
Demeton-S-Methyl	<0.01	LC-MS/MS
Desmedipham	<0.01	LC-MS/MS
Desmetryn	<0.01	GC-MS/MS
Diafenthuron	<0.01	LC-MS/MS
Dialifos	<0.01	GC-MS/MS
Diazinon	<0.01	GC-MS/MS
Dibrom (Naled)	<0.01	GC-MS/MS; LC-MS/MS
Dicapton (Iso-Chlorthion)	<0.01	GC-MS/MS



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Investigated parameter	Result (mg/kg)	Employed method
Dichlobenil	<0.01	GC-MS/MS
Dichlofention	<0.01	GC-MS/MS
Dichlofluaniid	<0.01	GC-MS/MS
Dichlorvos	<0.01	GC-MS/MS; LC-MS/MS
Diclobutrazol	<0.01	LC-MS/MS
Dicloran	<0.01	GC-MS/MS
Dicofol (sum of p, p' and o,p' isomers)	<0.01	GC-MS/MS
Dicrotophos	<0.01	GC-MS/MS; LC-MS/MS
Didecylmethylammonium chloride (mixture of alkyl-quaternary ammonium salts with alkyl chain lengths of C8, C10 and C12)	<0.03	-
- Didecylmethylammonium chloride-C8	<0.01	LC-MS/MS
- Didecylmethylammonium chloride-C10	<0.01	LC-MS/MS
- Didecylmethylammonium chloride-C12	<0.01	LC-MS/MS
Diethofencarb	<0.01	LC-MS/MS
Diethyltoluamide (DEET)	<0.01	LC-MS/MS
Difenoconazole	<0.01	LC-MS/MS
Difenoxyuron	<0.01	LC-MS/MS
Diflubenzuron	<0.01	LC-MS/MS
Diflufenican	<0.01	GC-MS/MS
Dimefox	<0.01	GC-MS/MS; LC-MS/MS
Dimefuron	<0.01	LC-MS/MS
Dimethachlor	<0.01	LC-MS/MS
Dimethenamid including other mixtures of constituent isomers including dimethenamid-P (sum of isomers)	<0.01	GC-MS/MS
Dimethirimol	<0.01	LC-MS/MS
Dimethoate	<0.01	LC-MS/MS
Dimethomorph (sum of isomers)	<0.01	LC-MS/MS
Dimoxystrobin	<0.01	LC-MS/MS
Diniconazole (sum of isomers)	<0.01	GC-MS/MS
Dinotefuran	<0.01	LC-MS/MS
Dioxacarb	<0.01	LC-MS/MS
Diphenamid	<0.01	GC-MS/MS; LC-MS/MS
Diphenylamine	<0.01	GC-MS/MS
Dipropetryn	<0.01	LC-MS/MS
Disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	<0.01	-
- Disulfoton	<0.003	GC-MS/MS
- Disulfoton-Sulfone	<0.005	LC-MS/MS
- Disulfoton-Sulfoxide	<0.002	LC-MS/MS
Ditalimfos	<0.01	GC-MS/MS
Diuron	<0.01	LC-MS/MS
Dodemorph	<0.01	LC-MS/MS
Dodine	<0.01	LC-MS/MS
Edifenphos	<0.01	GC-MS/MS; LC-MS/MS
Emamectin benzoate B1a, expressed as emamectin	<0.01	LC-MS/MS
Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)	<0.01	-
- Endosulfan, alpha	<0.005	GC-MS/MS
- Endosulfan, beta	<0.003	GC-MS/MS
- Endosulfan-sulphate	<0.002	GC-MS/MS
Endrin	<0.01	GC-MS/MS
Endrin Aldehyde	<0.01	GC-MS/MS

Investigated parameter	Result (mg/kg)	Employed method
Endrin ketone	<0.01	GC-MS/MS
EPN	<0.01	GC-MS/MS
Epoxiconazole	<0.01	GC-MS/MS
EPTC (ethyl dipropylthiocarbamate)	<0.01	GC-MS/MS
Etaconazole	<0.01	GC-MS/MS; LC-MS/MS
Ethidimuron	<0.01	LC-MS/MS
Ethiofencarb	<0.01	LC-MS/MS
Ethiofencarb-Sulfone	<0.01	LC-MS/MS
Ethiofencarb-Sulfoxide	<0.01	LC-MS/MS
Ethion	<0.01	GC-MS/MS; LC-MS/MS
Ethirimol	<0.01	LC-MS/MS
Ethofumesate	<0.01	GC-MS/MS; LC-MS/MS
Ethoprophos	<0.01	GC-MS/MS
Ethoxyquin	<0.01	GC-MS/MS; LC-MS/MS
Etofenprox	<0.01	LC-MS/MS
Etoazole	<0.01	GC-MS/MS; LC-MS/MS
Etridiazole	<0.01	GC-MS/MS
Etrimfos	<0.01	GC-MS/MS
Famoxadone	<0.01	LC-MS/MS
Famphur	<0.01	GC-MS/MS; LC-MS/MS
Fenamidone	<0.01	LC-MS/MS
Fenamiphos	<0.01	GC-MS/MS; LC-MS/MS
Fenarimol	<0.01	GC-MS/MS
Fenazaquin	<0.01	LC-MS/MS
Fenbuconazole (sum of constituent enantiomers)	<0.01	LC-MS/MS
Fenchlorazole-Ethyl	<0.01	LC-MS/MS
Fenchlorphos (sum of fenchlorphos and fenchlorphos oxon expressed as fenchlorphos)	<0.01	-
- Fenchlorphos	<0.005	GC-MS/MS
- Fenchlorphos oxon	<0.005	GC-MS/MS
Fenfuram	<0.01	LC-MS/MS
Fenhexamid	<0.01	LC-MS/MS
Fenitrothion	<0.01	GC-MS/MS
Fenobucarb	<0.01	LC-MS/MS
Fenoxaprop-Ethyl	<0.01	LC-MS/MS
Fenoxycarb	<0.01	LC-MS/MS
Fenpiclonil	<0.01	LC-MS/MS
Fenpropathrin	<0.01	GC-MS/MS
Fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin)	<0.01	LC-MS/MS
Fenpropimorph (sum of isomers)	<0.01	LC-MS/MS
Fenpyrazamine	<0.01	GC-MS/MS; LC-MS/MS
Fenpyroximate	<0.01	LC-MS/MS
Fenson	<0.01	GC-MS/MS
Fensulfothion	<0.01	GC-MS/MS; LC-MS/MS
Fensulfothion-Sulfone	<0.01	LC-MS/MS
Fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent)	<0.01	-
- Fenthion	<0.002	GC-MS/MS; LC-MS/MS
- Fenthion-Oxon	<0.002	LC-MS/MS
- Fenthion-Oxonsulfone	<0.002	LC-MS/MS
- Fenthion-Oxonsulfoxide	<0.001	LC-MS/MS
- Fenthion-Sulfone	<0.002	GC-MS/MS; LC-MS/MS



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- Fenthion-Sulfoxide	<0.001	LC-MS/MS
Fenuron	<0.01	LC-MS/MS
Fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate)	<0.01	GC-MS/MS
Flamprop-Isopropyl	<0.01	LC-MS/MS
Flamprop-Methyl	<0.01	LC-MS/MS
Flazasulfuron	<0.01	LC-MS/MS
Florasulam	<0.01	LC-MS/MS
Fluazuron	<0.01	LC-MS/MS
Fluchloralin	<0.01	GC-MS/MS
Flucythrinate (flucythrinate including other mixtures of constituent isomers (sum of isomers)) (F)	<0.01	GC-MS/MS
Fludioxonil	<0.01	GC-MS/MS
Flufenoxuron	<0.01	LC-MS/MS
Flumetralin	<0.01	GC-MS/MS
Flumioxazine	<0.01	LC-MS/MS
Fluometuron	<0.01	LC-MS/MS
Fluopicolide	<0.01	LC-MS/MS
Fluopyram	<0.01	GC-MS/MS
Fluoroglycofen-Ethyl	<0.01	LC-MS/MS
Flupyradifurone	<0.01	LC-MS/MS
Fluquinconazole	<0.01	GC-MS/MS
Fluridone	<0.01	LC-MS/MS
Flurochloridone (sum of cis- and trans-isomers)	<0.01	LC-MS/MS
Fluroxyppy-Meptyl	<0.01	LC-MS/MS
Flurtamone	<0.01	LC-MS/MS
Flusilazole	<0.01	LC-MS/MS
Fluthiacet-Methyl	<0.01	LC-MS/MS
Flutolanil	<0.01	LC-MS/MS
Flutriafol	<0.01	GC-MS/MS; LC-MS/MS
Fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate	<0.01	GC-MS/MS
Fluxapyroxad	<0.01	GC-MS/MS; LC-MS/MS
Folpet (sum of folpet and phthalimide, expressed as folpet)	<0.02	GC-MS/MS
Fomesafen	<0.01	LC-MS/MS
Fonofos	<0.01	GC-MS/MS
Forchlorfenuron	<0.01	LC-MS/MS
Formetanate: Sum of formetanate and its salts expressed as formetanate(hydrochloride)	<0.01	LC-MS/MS
Formothion	<0.01	GC-MS/MS; LC-MS/MS
Fosthiazate	<0.01	LC-MS/MS
Fuberidazole	<0.01	LC-MS/MS
Furalaxyl	<0.01	LC-MS/MS
Halfenprox	<0.01	LC-MS/MS
Halofenozide	<0.01	LC-MS/MS
Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	<0.01	-
- Heptachlor	<0.003	GC-MS/MS
- Heptachlorepoxid, cis-	<0.003	GC-MS/MS
- Heptachlorepoxid, trans-	<0.003	GC-MS/MS
Heptenophos	<0.01	GC-MS/MS
Hexachlorobenzene	<0.01	GC-MS/MS
Hexachlorocyclohexane (HCH), alpha-isomer	<0.01	GC-MS/MS
Hexachlorocyclohexane (HCH), beta-isomer	<0.01	GC-MS/MS

Investigated parameter	Result (mg/kg)	Employed method
Hexachlorocyclohexane (HCH), delta-isomer	<0.01	GC-MS/MS
Hexachlorocyclohexane (HCH), epsilon-isomer	<0.01	GC-MS/MS
Hexaconazole	<0.01	LC-MS/MS
Hexazinone	<0.01	LC-MS/MS
Hexythiazox (any ratio of constituent isomers)	<0.01	LC-MS/MS
Icaridin (Picaridin)	<0.01	GC-MS/MS; LC-MS/MS
Imazail	<0.01	LC-MS/MS
Imazaquin	<0.01	LC-MS/MS
Imidacloprid	<0.01	LC-MS/MS
Indoxacarb (sum of indoxacarb and its R enantiomer)	<0.01	GC-MS/MS
Iodofenphos	<0.01	GC-MS/MS
Iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	<0.01	LC-MS/MS
Iprobenfos	<0.01	GC-MS/MS
Iprodione	<0.01	GC-MS/MS
Iprovalicarb	<0.01	LC-MS/MS
Isocarbamid	<0.01	LC-MS/MS
Isocarbofos	<0.01	GC-MS/MS
Isodrin	<0.01	GC-MS/MS
Isofenphos	<0.01	GC-MS/MS
Isofenphos-Methyl	<0.01	GC-MS/MS
Isofetamid	<0.01	GC-MS/MS; LC-MS/MS
Isoprocab	<0.01	LC-MS/MS
Isoproturon	<0.01	LC-MS/MS
Isopyrazam	<0.01	GC-MS/MS; LC-MS/MS
Isoxaben	<0.01	LC-MS/MS
Isoxadifen-Ethyl	<0.01	LC-MS/MS
Isoxathion	<0.01	GC-MS/MS; LC-MS/MS
Kresoxim-Methyl	<0.01	GC-MS/MS; LC-MS/MS
Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers)	<0.01	GC-MS/MS
Lenacil	<0.01	LC-MS/MS
Leptophos	<0.01	GC-MS/MS
Lindane (Gamma-isomer of hexachlorocyclohexane (HCH))	<0.01	GC-MS/MS
Linuron	<0.01	LC-MS/MS
Lufenuron	<0.01	LC-MS/MS
Malathion (sum of malathion and malafoxon expressed as malathion)	<0.01	-
- Malafoxon	<0.005	LC-MS/MS
- Malathion	<0.005	GC-MS/MS; LC-MS/MS
Mandipropamid (any ratio of constituent isomers)	<0.01	LC-MS/MS
Matrine*	<0.01	LC-MS/MS
Mecarbam	<0.01	GC-MS/MS; LC-MS/MS
Mefenpyr-Diethyl	<0.01	LC-MS/MS
Mepanipyrim	<0.01	LC-MS/MS
Mephosfolan	<0.01	LC-MS/MS
Mepronil	<0.01	LC-MS/MS
Mesotrione	<0.01	LC-MS/MS
Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	<0.01	GC-MS/MS; LC-MS/MS
Metamitron	<0.01	LC-MS/MS
Metazachlor	<0.01	GC-MS/MS; LC-MS/MS



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Investigated parameter	Result (mg/kg)	Employed method
Metconazole (sum of isomers)	<0.01	LC-MS/MS
Methabenzthiazuron	<0.01	LC-MS/MS
Methacrifos	<0.01	GC-MS/MS
Methamidophos	<0.01	LC-MS/MS
Methfuroxam	<0.01	LC-MS/MS
Methidathion	<0.01	GC-MS/MS; LC-MS/MS
Methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	<0.03	-
- Methiocarb	<0.01	LC-MS/MS
- Methiocarb-Sulfone	<0.01	LC-MS/MS
- Methiocarb-Sulfoxide	<0.01	LC-MS/MS
Methomyl	<0.01	LC-MS/MS
Methoprotryne	<0.01	LC-MS/MS
Methoxychlor	<0.01	GC-MS/MS
Methoxyfenozide	<0.01	LC-MS/MS
Metobromuron	<0.01	LC-MS/MS
Metolachlor and S-metolachlor (metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers))	<0.01	GC-MS/MS; LC-MS/MS
Metolcarb	<0.01	LC-MS/MS
Metosulam	<0.01	LC-MS/MS
Metoxuron	<0.01	LC-MS/MS
Metrafenone	<0.01	LC-MS/MS
Metribuzin	<0.01	LC-MS/MS
Metsulfuron-Methyl	<0.01	LC-MS/MS
Mevinphos (sum of E- and Z-isomers)	<0.01	GC-MS/MS
Mirex	<0.01	GC-MS/MS
Molinate	<0.01	GC-MS/MS; LC-MS/MS
Monocrotophos	<0.01	LC-MS/MS
Monolinuron	<0.01	LC-MS/MS
Monuron	<0.01	LC-MS/MS
Myclobutanil (sum of constituent isomers)	<0.01	GC-MS/MS
Napropamide	<0.01	GC-MS/MS; LC-MS/MS
Neburon	<0.01	LC-MS/MS
Nicosulfuron	<0.01	LC-MS/MS
Nitenpyram	<0.01	LC-MS/MS
Nitralin	<0.01	GC-MS/MS; LC-MS/MS
Nitrofen	<0.01	GC-MS/MS
Norflurazon	<0.01	LC-MS/MS
Novaluron	<0.01	LC-MS/MS
Nuarimol	<0.01	LC-MS/MS
Ofurace	<0.01	LC-MS/MS
Omethoate	<0.01	LC-MS/MS
Oxadiazon	<0.01	GC-MS/MS
Oxadixyl	<0.01	LC-MS/MS
Oxamyl	<0.01	LC-MS/MS
Oxamyl-Oxime	<0.01	LC-MS/MS
Oxathiapiprolin	<0.01	LC-MS/MS
Oxycarboxin	<0.01	LC-MS/MS
Oxychloridane	<0.01	GC-MS/MS
Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	<0.01	-
- Demeton-S-Methylsulfone	<0.005	LC-MS/MS
- Oxydemeton-Methyl	<0.005	LC-MS/MS

Investigated parameter	Result (mg/kg)	Employed method
Oxyfluorfen	<0.01	GC-MS/MS
Oxymatrine *	<0.01	LC-MS/MS
Paclobutrazol (sum of constituent isomers)	<0.01	GC-MS/MS
Paraoxon	<0.01	GC-MS/MS; LC-MS/MS
Parathion	<0.01	GC-MS/MS
Parathion-methyl (sum of Parathion-methyl and paraoxon-methyl expressed as Parathion-methyl)	<0.01	-
- Paraoxon-Methyl	<0.005	GC-MS/MS; LC-MS/MS
- Parathion-Methyl	<0.005	GC-MS/MS
Penconazole (sum of constituent isomers)	<0.01	GC-MS/MS
Pencycuron	<0.01	LC-MS/MS
Pendimethalin	<0.01	GC-MS/MS
Pentachloroanisole	<0.01	GC-MS/MS
Pentachlorobenzene	<0.01	GC-MS/MS
Penthiopyrad	<0.01	GC-MS/MS; LC-MS/MS
Permethrin (sum of isomers)	<0.01	GC-MS/MS
Perthan	<0.01	GC-MS/MS
Phenkapton	<0.01	GC-MS/MS
Phenmedipham	<0.01	LC-MS/MS
Phenothrin	<0.01	GC-MS/MS
Phenthoate	<0.01	GC-MS/MS
Phorate	<0.01	GC-MS/MS; LC-MS/MS
Phorate-Sulfone	<0.01	LC-MS/MS
Phorate-Sulfoxide	<0.01	LC-MS/MS
Phosalone	<0.01	GC-MS/MS; LC-MS/MS
Phosmet (phosmet and phosmet oxon expressed as phosmet)*	<0.02	-
- Phosmet	<0.01	GC-MS/MS; LC-MS/MS
- Phosmet oxon*	<0.01	LC-MS/MS
Phosphamidon	<0.01	LC-MS/MS
Phoxim	<0.01	LC-MS/MS
Picolinafen	<0.01	LC-MS/MS
Picoxystrobin	<0.01	GC-MS/MS; LC-MS/MS
Piperonyl-Butoxide	<0.01	GC-MS/MS
Pirimicarb	<0.01	LC-MS/MS
Pirimicarb, Desmethyl-	<0.01	LC-MS/MS
Pirimicarb, Desmethylformamido-	<0.01	LC-MS/MS
Pirimiphos-Ethyl	<0.01	GC-MS/MS
Pirimiphos-Methyl	<0.01	GC-MS/MS
Pirimiphos-methyl-N-desethyl	<0.01	GC-MS/MS; LC-MS/MS
Primsulfuron-Methyl	<0.01	LC-MS/MS
Prochloraz	<0.01	LC-MS/MS
Procymidone	<0.01	GC-MS/MS
Profenofos	<0.01	GC-MS/MS; LC-MS/MS
Profluralin	<0.01	GC-MS/MS
Profoxydim (Clefoxydim)	<0.01	LC-MS/MS
Promecarb	<0.01	LC-MS/MS
Prometon	<0.01	GC-MS/MS; LC-MS/MS
Prometryn	<0.01	LC-MS/MS
Propachlor	<0.01	GC-MS/MS; LC-MS/MS
Propamocarb (Sum of propamocarb and its salts, expressed as propamocarb)	<0.01	LC-MS/MS
Propanil	<0.01	GC-MS/MS; LC-



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Investigated parameter	Result (mg/kg)	Employed method
		MS/MS
Propargite	<0.01	GC-MS/MS; LC-MS/MS
Propazine	<0.01	GC-MS/MS
Propetamphos	<0.01	LC-MS/MS
Propiconazole (sum of isomers)	<0.01	GC-MS/MS; LC-MS/MS
Propisochlor	<0.01	LC-MS/MS
Propoxur	<0.01	LC-MS/MS
Propyzamide	<0.01	GC-MS/MS; LC-MS/MS
Proquinazid	<0.01	LC-MS/MS
Prosulfocarb	<0.01	LC-MS/MS
Prosulfuron	<0.01	LC-MS/MS
Prothioconazole: prothioconazole-deshtio (sum of isomers)	<0.01	LC-MS/MS
Prothiofos	<0.01	GC-MS/MS
Prothoate	<0.01	LC-MS/MS
Pymetrozine	<0.01	LC-MS/MS
Pyraclófos	<0.01	LC-MS/MS
Pyraclostrobin	<0.01	LC-MS/MS
Pyraflufen-ethyl	<0.01	GC-MS/MS; LC-MS/MS
Pyrazophos	<0.01	GC-MS/MS
Pyrethrins	<0.01	LC-MS/MS
Pyridaben	<0.01	GC-MS/MS; LC-MS/MS
Pyridafol	<0.01	LC-MS/MS
Pyridalyl	<0.01	LC-MS/MS
Pyridaphenthion	<0.01	GC-MS/MS; LC-MS/MS
Pyrifenox	<0.01	GC-MS/MS; LC-MS/MS
Pyrimethanil	<0.01	GC-MS/MS
Pyriproxyfen	<0.01	LC-MS/MS
Quinalphos	<0.01	GC-MS/MS; LC-MS/MS
Quinoclamine	<0.01	LC-MS/MS
Quinoxifen	<0.01	GC-MS/MS
Quintozene (sum of quintozene and pentachloro-aniline expressed as quintozene)	<0.01	-
- Pentachloroaniline	<0.005	GC-MS/MS
- Quintozene	<0.005	GC-MS/MS
Resmethrin (resmethrin including other mixtures of constituent isomers (sum of isomers))	<0.01	LC-MS/MS
Rimsulfuron	<0.01	LC-MS/MS
Rotenone	<0.01	LC-MS/MS
S421	<0.01	GC-MS/MS
Sebuthylazine	<0.01	LC-MS/MS
Sebumeton	<0.01	GC-MS/MS; LC-MS/MS
Silafuofen (Silaneophan)	<0.01	LC-MS/MS
Silthiofam	<0.01	LC-MS/MS
Simazine	<0.01	GC-MS/MS; LC-MS/MS
Simeconazole	<0.01	LC-MS/MS
Simetryn	<0.01	LC-MS/MS
Spinetoram (sum of spinetoram-J and spinetoram-L)	<0.01	LC-MS/MS
Spinosad (spinosad, sum of spinosyn A and spinosyn D)	<0.01	LC-MS/MS
Spirodiclofen	<0.01	LC-MS/MS
Spiromesifen	<0.01	LC-MS/MS
Spiroxamine	<0.01	LC-MS/MS
Sulcotrione	<0.01	LC-MS/MS

Investigated parameter	Result (mg/kg)	Employed method
Sulfentrazone	<0.01	LC-MS/MS
Sulfosulfuron	<0.01	LC-MS/MS
Sulfotep	<0.01	GC-MS/MS
Sulfoxaflor (sum of isomers)	<0.01	LC-MS/MS
Sulprofos	<0.01	GC-MS/MS; LC-MS/MS
Tebuconazole	<0.01	GC-MS/MS; LC-MS/MS
Tebufenozide	<0.01	LC-MS/MS
Tebufenpyrad	<0.01	LC-MS/MS
Tebutam	<0.01	LC-MS/MS
Tebuthiuron	<0.01	LC-MS/MS
Tecnazene	<0.01	GC-MS/MS
Teflubenzuron	<0.01	LC-MS/MS
Tefluthrin (tefluthrin including other mixtures of constituent isomers (sum of isomers))	<0.01	GC-MS/MS
Temephos	<0.01	LC-MS/MS
TEPP	<0.01	GC-MS/MS; LC-MS/MS
Tepraloxymid	<0.01	LC-MS/MS
Terbacil	<0.01	GC-MS/MS; LC-MS/MS
Terbufos	<0.01	GC-MS/MS
Terbumeton	<0.01	GC-MS/MS; LC-MS/MS
Terbutylazine	<0.01	GC-MS/MS; LC-MS/MS
Terbutryn	<0.01	GC-MS/MS
Tetrachlorvinphos	<0.01	GC-MS/MS; LC-MS/MS
Tetraconazole	<0.01	GC-MS/MS
Tetradifon	<0.01	GC-MS/MS
Tetramethrin	<0.01	GC-MS/MS; LC-MS/MS
Thiabendazole	<0.01	LC-MS/MS
Thiabendazole, 5-Hydroxy-	<0.01	LC-MS/MS
Thiacloprid	<0.01	LC-MS/MS
Thiamethoxam	<0.01	LC-MS/MS
Thidiazuron	<0.01	LC-MS/MS
Thifensulfuron-Methyl	<0.01	LC-MS/MS
Thiobencarb	<0.01	GC-MS/MS
Thiodicarb	<0.01	LC-MS/MS
Thiofanox-Sulfone	<0.01	LC-MS/MS
Thiofanox-Sulfoxide	<0.01	LC-MS/MS
Thiometon	<0.01	LC-MS/MS
Thionazin	<0.01	GC-MS/MS; LC-MS/MS
Thiophanate-Ethyl	<0.01	LC-MS/MS
Thiophanate-Methyl	<0.01	LC-MS/MS
Tolclofos-Methyl	<0.01	GC-MS/MS
Tolyfluanid	<0.01	GC-MS/MS
Tralkoxydim (sum of the constituent isomers of tralkoxydim)	<0.01	LC-MS/MS
Triadimefon	<0.01	GC-MS/MS
Triadimenol (any ratio of constituent isomers)	<0.01	GC-MS/MS; LC-MS/MS
Tri-Allate	<0.01	GC-MS/MS
Triamphos	<0.01	GC-MS/MS
Triasulfuron	<0.01	LC-MS/MS
Triazamate	<0.01	LC-MS/MS
Triazophos	<0.01	GC-MS/MS; LC-MS/MS
Tribenuron-Methyl	<0.01	LC-MS/MS
Trichlorfon	<0.01	LC-MS/MS



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Investigated parameter	Result (mg/kg)	Employed method
Trichloronat	<0.01	GC-MS/MS
Tricyclazole	<0.01	LC-MS/MS
Tridemorph	<0.01	LC-MS/MS
Trietazine	<0.01	LC-MS/MS
Trifloxystrobin	<0.01	GC-MS/MS; LC-MS/MS
Triflumizole	<0.01	LC-MS/MS
Triflumuron	<0.01	LC-MS/MS
Trifluralin	<0.01	GC-MS/MS

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Investigated parameter	Result (mg/kg)	Employed method
Triforine	<0.01	LC-MS/MS
Triticonazole	<0.01	GC-MS/MS; LC-MS/MS
Uniconazole	<0.01	LC-MS/MS
Valifenalate	<0.01	LC-MS/MS
Vamidothion	<0.01	GC-MS/MS; LC-MS/MS
Vinclozolin	<0.01	GC-MS/MS
Zoxamide	<0.01	LC-MS/MS

Gábor Balázs  
 Head of Analytical Laboratory Department

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Decision rule: in case of analytical tests we consider the sample meeting the requirements if the result with the expanded measurement uncertainty overlaps with the range of requirement.

Decision rule: in case of microbiological tests we define the sample to meet the requirements if the result complies without considering the measurement uncertainty

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