



National Food Chain Safety Authority
Directorate for Plant, Soil and Agricultural Environment Protection
Velence Pesticide Analytical Laboratory

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Analysis protocol
(may only be copied in full)

Name of laboratory: Velence Pesticide Analytical Laboratory
Accreditation Testing laboratory designated by NAT for product testing no. NAT-1 -1594/2013
Laboratory no.: 1816/1019252523
Purpose of sampling Private request
Date of sampling 14.04.2016
Client Aka Kereskedelmi, Termelő És Szolgáltató Korlátolt Felelösségi Társaság, 7773 Villány Erkel Ferenc utca 2/a
Sample received 20.04.2016
Laboratory sample no.: 597498
Name of the specimen grape seeds
Marker/ID of the specimen at the Gere micro-ground blue grape seed and skin
Volume of specimen 150 g

Test results

Active agent	Test method	Measurement method	Agent remainder content (1)	Extended uncertainty of measurement	Limit value
abamectin (total of delta-8,9 isomer of avermectin B1a, avermectin B1b and avermectin B1a)	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
acephate	MSZEN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
acetamiprid	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
acetochlor	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
acrinathrin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
aldicarb (aldicarb, and the total of its sulfoxide and sulfone, expressed as aldicarb)			< 0.010 mg/kg	-	
aldicarb	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
aldicarb sulfone	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
aldicarb sulfoxide	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
aldrine and dieldrine (aldrine and dieldrine combined, expressed as dieldrine)			< 0.005 mg/kg	-	
aldrine	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
dieldrine	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
aminopyralid	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
amitrole	MSZ EN 15662:2009*	LC-MS/MS	< 0.010 mg/kg	-	
azinphos-ethyl	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	

test results

Active agent	Test method	Measurement method	Agent remainder content (1)	Extended uncertainty of measurement	Limit value
azinphos-methyl	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
azoxystrobin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
benalaxyl (including mixtures of isomeric ingredients and benalaxyl-M (sum of isomers))	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
benfuracarb	MSZ EN 15662:2009	LC-MS/MS	< 0.020 mg/kg	-	
biphenyl	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
bifenox	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
bifenthrin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
bitertanol	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
boscalid	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
bromfenvinphos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
bromophos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
bromophos-ethyl	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
brompropylate	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
bromuconazole	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
bupryimate	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
buprofezin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
cyfluthrin (cyfluthrin including other mixtures of structural isomers (isomers total))	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
cymoxanil	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
cypermethrin (cypermethrin, including other mixtures of structural isomers (isomers total))	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	±0.00288 mg/kg	
cyprodinil	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
cyproconazole	MSZ EN 15662:2009	GC-MS	< 0.005 mg/kg	-	
DDT (p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) in total, expressed as DDT)	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
o,p'-DDT	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
p,p'-DDD	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
p,p'-DDE	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
p,p'-DDT	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
deltamethrin (cis-deltamethrin)	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
diazinon	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
diethofencarb	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	±0.00286 mg/kg	
diphenylamine	MSZ EN 15662:2009	GC-MS	0.013 mg/kg	-	
difenoconazol	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
diflubenzuron	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
dichlofluanid	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
dichloran	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
dichlorvos	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	

Test results

Active agent	Test method	Measurement method	Agent remainder content (1)	Extended uncertainty of measurement	Limit value
dicofol (p,p' and o,p' isomers in total)			< 0.010 mg/kg	-	
o, p' dicofol	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
p, p' dicofol	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
dicrotophos	MSZ EN 15662:2009*	GC-MS	< 0.010 mg/kg	-	
dimethipin	MSZ EN 15662:2009	GC-ECD	<0.010 mg/kg	-	
dimethoate (dimethoate and omethoate in total expressed as dimethoate)			<0.010 mg/kg	-	
dimethoate	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
omethoate	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
dimethomorph	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
dimoxystrobin	MSZ EN 15662:2009 *	GC-MS	<0.010 mg/kg	-	
diniconazole	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
disulfoton (disulfoton, disulfoton sulfoxide and disulfoton sulfone in total, expressed as disulfoton)			<0.010 mg/kg		
disulfoton	MSZ EN 15662:2009*	GC-PFPD	<0.010 mg/kg	-	
disulfoton-sulfone	MSZ EN 15662:2009*	GC-PFPD	<0.010 mg/kg	-	
disulfoton-sulfoxide	MSZ EN 15662:2009*	GC-PFPD	< 0.010 mg/kg	-	
dithianon	MSZ EN 15662:2009	LC-MS/MS	<0.010 mg/kg	-	
dithiocarbamates (dithiocarbamates expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram)	MSZ EN 12396-2:2000	GC-FPD	< 0.020 mg/kg		
dodin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
endosulfan (alpha- and beta-isomers and endosulfan sulfate in total, expressed as endosulfan)			< 0.005 mg/kg		
alpha-endosulfan	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
beta-endosulfan	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
endosulfansulphate	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
endrin	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
endrin aldehyde	MSZ EN 15662:2009	GC-ECD	<0.010 mg/kg	-	
endrin ketone	MSZ EN 15662:2009 *	GC-ECD	<0.010 mg/kg	-	
EPN	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
epoxiconazole	MSZ EN 15662:2009	LC-MS/MS	<0.010 mg/kg	-	
ethion	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
ethirimol	MSZ EN 15662:2009*	LC-MS/MS	< 0.010 mg/kg	-	
etofenprox	MSZ EN 15662:2009	LC-MS/MS	<0.010 mg/kg	-	
ethoprophos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
etrimfos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
famoxadone	MSZ EN 15662:2009	LC-MS/MS	0.048 mg/kg	±0.0144 mg/kg	

Test results

Active agent	Test method	Measurement method	Agent remainder content (1)	Extended uncertainty of measurement	Limit value
fenamidon	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
fenamiphos (fenamiphos and its sulfoxide and sulfone in total, expressed as fenamiphos)			< 0.010 mg/kg	-	
fenamiphos	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenamiphos-sulfone	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenamiphos-sulfoxide	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenarimol	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
fenazaquin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenbuconazole	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenhexamid	MSZ EN 15662:2009	LC-MS/MS	0.38 mg/kg	±0.129 mg/kg	
fenitrotion	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
fenoxy carb	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenpyroximate	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenpropatrin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
fenpropidin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenpropimorph	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fenthion	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
fenthion-sulfone	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
fenthion-sulfoxide	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
phentoate	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
fenvalerate (independent of isomer proportion (RR, SS, RS, SR), including esfenvalerate)	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
fipronil fipronil + sulfone metabolite (MB46136) in total, expressed as fipronil)			< 0.005 mg/kg	-	
fipronil	MSZ EN 15662:2009	GC-MS	< 0.005 mg/kg	-	
fipronil-sulfone	MSZ EN 15662:2009	LC-MS/MS	< 0.005 mg/kg	-	
fluazinam	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
flubendiamide	MSZ EN 15662:2009*	LC-MS/MS	< 0.010 mg/kg	-	
fludioxonil	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
flufenoxuron	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fluopicolide	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
fluopiram	MSZ EN 15662:2009*	LC-MS/MS	0.19 mg/kg	±0.0380 mg/kg	
flurochloridon	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
fluquinconazole	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
flutolanil	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
flutriafol	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
flusilazole	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
folpet	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
phorate	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
phorate-sulfone	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	

test results

Active agent	Test method	Measurement method	Agent remainder content (1)	Extended uncertainty of measurement	Limit value
formetanate (formetanate and its salts in total, expressed as formetanate (hydrochloride))	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
phosalone	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
phosphamidon	MSZ EN 15662:2009*	GC-TSD	< 0.010 mg/kg	-	
phosmet	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
fosthiazate	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
phoxim	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
hexachlorocyclohexane (HCH), isomers in total, except gamma isomer			< 0.005 mg/kg	-	
alpha-HCH (complete)	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
beta-HCH (complete)	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
delta - HCH	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
heptachlor (heptachlor and heptachlor epoxide, expressed as heptachlor)			< 0.005 mg/kg	-	
heptachlor	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
heptachlor-epoxide	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
hexachlorobenzene (HCB)	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
hexaconazole	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
hexythiazox	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
imazalil	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
imidacloprid	MSZ EN 15662:2009	LC-MS/MS	< 0.005 mg/kg	-	
indoxacarb, the S and R isomers in total	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
iprodione	MSZ EN 15662:2009	LC-MS/MS	0.14 mg/kg	±0.0476 mg/kg	
inprovalicarb	MSZ EN 15662:2009	LC-MS/MS	0.077 mg/kg	±0.0169 mg/kg	
isofenphos	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
isofenphos-methyl	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
izokarbofosz	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
isoprocarb	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
isoprothiolane	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
isoproturon	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
cadusafos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
captafol	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
captan	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
carbaryl	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
carbendazim and benomyl (benomyl and carbendazim in total, expressed as carbendazim)	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
carbofuran (carbofuran and 3-hydroxy-carbofuran, expressed as carbofuran)			< 0.010 mg/kg	-	
carbofuran	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	

Test results

Active agent	Test method	Measurement method	Agent remainder content (1)	Extended uncertainty of measurement	Limit value
3-hydroxy-carbofuran	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
carbosulfan	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
carboxin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
quinalphos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
clofentezine	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
clopyralid	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
chlorantraniliprole	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
chlorobenzilate	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
chlordane (cis- and trans-chlordan in total)			< 0.005 mg/kg	-	
cis-chlordan	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
trans-chlordan	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
chlorfenapyr	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
chlorfenvinphos	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
chlorpyrifos	MSZ EN 15662:2009	GC-MS	< 0.005 mg/kg	-	
chlorpyrifos-methyl	MSZ EN 15662:2009	GC-MS	< 0.005 mg/kg	-	
chlorpropham (chlorpropham and 3-chloroaniline, expressed as chlorpropham)			< 0.010 mg/kg	-	
chlorpropham	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
3-chloroaniline	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
chlorothalonil	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
kresoxim-methyl	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
coumaphos	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
lambda-cyhalothrin	MSZ EN 15662:2009	GC-MS	< 0.005 mg/kg	-	
lindane	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
linuron	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
lufenuron	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
malathion (malathion and malaoxon in total, expressed as malathion)			< 0.010 mg/kg	-	
malaoxon	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
malathion	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
mandipropamid	MSZ EN 15662:2009	LC-MS/MS	0.092 mg/kg	± 0.0166 mg/kg	
mecarbam	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
mepanipyrim	MSZ EN 15662:2009	GC-TSD	< 0.010 mg/kg	-	
metaflumizone (E and Z isomers in total)	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
metakrifosz	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
metalaxy and metalaxy-M (metalaxy, including metalaxy-M (isomers in total))	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
methamidophos	MSZ EN 15662:2009*	GC-TSD	< 0.010 mg/kg	-	
methidathion	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	

Test results

Active agent	Test method	Measurement method	Szermaradék tartalom d)	Extended uncertainty of measurement	Limit value
parathion-methyl (position parathion-methyl and methyl paraoxon, expressed as parathion-methyl parathion)			< 0.010 mg/kg	-	
paraoxon-methyl	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
methiocarb (combined amount of methiocarb and methiocarb sulfoxide and sulfone, expressed as sulfonic methiocarb)		LC-MS/MS	< 0.010 mg/kg	-	
metiocarb (aka merkaptodimetíir)	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
metiocarb-szulfon	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
metiocarb-szulfoxid	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
metkonazol	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
metolachlor and S-metolachlor (metolachlor, S-metolachlor, isomers in total)	MSZ EN 15662:2009	GC-MS	< 0.050 mg/kg	-	
methomyl and thiadicarb (methomyl and thiadicarb, expressed as methomyl)			< 0.010 mg/kg	-	
methomyl	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
thiadicarb	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
methoxyfenozide	MSZ EN 15662:2009	LC-MS/MS	0.012 mg/kg	±0.00269 mg/kg	
meioxiklör	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
metrafenone	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
metribuzin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
mevinphos (E- and Z-isomers in total)	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
mesotrione	MSZ EN 15662:2009	LC-MS/MS	< 0.025 mg/kg	-	
myclobutanil	MSZ EN 15662:2009	LC-MS/MS	0.017 mg/kg	±0.00408 mg/kg	
monocrotophos	MSZ EN 15662:2009*	GC-TSD	< 0.010 mg/kg	-	
nitenpyram	MSZ EN 15662:2009*	LC-MS/MS	< 0.010 mg/kg	-	
nuarimol	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
o-phenylphenol	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
o,p'-DDD	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
o,p'-DDE	MSZ EN 15662:2009	GC-ECD	< 0.005 mg/kg	-	
oxadixyl	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
oxamyl	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
oxydemeton-methyl (oxydemeton-methyl and demeton-S-methyl sulfone, expressed as oxidemeton-methyl)			< 0.010 mg/kg	-	
demeton-S-methyl sulfone	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
oxydemeton-methyl	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
pacobutrazol	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
paraoxon	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
parathion	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	

Active agent	Test method	Measurement method	Agent remainder content (1)	Extended uncertainty of measurement	Limit value
pencicuron	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
pendimethalin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
penconazole	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
permethrin (isomers in total)	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
picoxystrobin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
pymetrozine	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
pyraclostrobin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
pyrazohos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
pyridaben	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
pyridafenthion	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
pyrimethanil	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
pirimiphos-ethyl	MSZ EN 15662:2009	GC-MS	< 0.005 mg/kg	-	
pirimiphos-methyl	MSZ EN 15662:2009	GC-PFPD	< 0.005 mg/kg	-	
pirimicarb (pirimicarb and desmethyl-pirimicarb, expressed as pirimicarb)			< 0.010 mg/kg	-	
dezmetil-pirimikarb	MSZ EN 15662:2009	GC-TSD	< 0.010 mg/kg	-	
pirimicarb	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
pyriproxyfen	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
procymidone	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
profenofos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
prochloraz (prochloraz and its metabolites containing 2,4,6-trichlorophenol in equal amounts in total, expressed as prochloraz)			< 0.010 mg/kg	-	
prokloráz	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
2,4,6-trichlorophenol	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
propamocarb (propamocarb and its salts, expressed as propamocarb)	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
propargite	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
propiconazole	MSZ EN 15662:2009*	GC-MS	< 0.010 mg/kg	-	
propyzamide	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
propoxur	MSZ EN 15662:2009*	GC-MS	< 0.010 mg/kg	-	
prosulfuron	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
prothiofos	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
protoconazole (protoconazole-desthiobiotin)	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
quinoxifen	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
quintozene (quintozene and penta-chloro aniline, expressed as quintozene)			< 0.010 mg/kg	-	
penta-chloro aniline	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
quintozene	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	

Test results

Active agent	Test method	Measurement method	Szermaradék tartalom (1)	Extended uncertainty of measurement	Limit value
resmethrin (resmethrin, including other mixtures of structural isomers (isomers in total))	MSZ EN 15662:2009*	GC-MS	< 0.010 mg/kg	-	
rotenone	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
spinosad (spinosyn A and spinosyn D, expressed as spinosad)			<0.010 mg/kg	-	
spinosyn A	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
spinosyn D	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
spirodiclofen	MSZ EN 15662:2009	GC-MS	<0.010 mg/kg	-	
spiromesifen	MSZ EN 15662:2009*	GC-MS	< 0.010 mg/kg	-	
spiroxamine	MSZ EN 15662:2009	LC-MS/MS	<0.010 mg/kg	-	
szulfotep	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
tau-fluvalinate	MSZ EN 15662:2009	GC-MS	<0.010 mg/kg	-	
tebufenozide	MSZ EN 15662:2009	LC-MS/MS	<0.010 mg/kg	-	
tebufenpyrad	MSZ EN 15662:2009	LC-MS/MS	<0.010 mg/kg	-	
tebuconazole	MSZ EN 15662:2009	LC-MS/MS	0.028 mg/kg	±0.00616 mg/kg	
teflubenzuron	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
tefluthrin	MSZ EN 15662:2009	GC-MS	< 0.005 mg/kg	-	
terbufos	MSZ EN 15662:2009	GC-PFPD	< 0.010 mg/kg	-	
terbufos sulfone	MSZ EN 15662:2009*	GC-PFPD	< 0.010 mg/kg	-	
terbutylazine	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
tetradifon	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
tetraconazole	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
tetramethrin	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
thiabendazole	MSZ EN 15662:2009	LC-MS/MS	<0.010 mg/kg	-	
thiacloprid	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
thiamethoxam (thiamethoxam and clothianidin in total, expressed as thiamethoxam)			0.014 mg/kg	-	
clothianidin (complete)	MSZ EN 15662:2009	LC-MS/MS	< 0.005 mg/kg	-	
thiamethoxam	MSZ EN 15662:2009	LC-MS/MS	0.014 mg/kg	±0.00532 mg/kg	
thiophanate-methyl	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
tolylfluanid (tolylfluanid and dimethylaminosulfotoluidide in total, expressed as tolylfluanid)			< 0.010 mg/kg	-	
dimethylamino-sulfonamide-toluidide	MSZ EN 15662:2009	GC-MS	<0.010 mg/kg	-	
tolylfluanid	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
oclofos-methyl	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
triadimenol and triadimefon (triadimefon and triadimenol in total)			<0.010 mg/kg	-	
dimefon	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	

Test results

Active agent	Test method	Measurement method	Szermaradék tartalom (D)	Extended uncertainty of measurement	Limit value
triadimenol	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
triazophos	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
tricylazole	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
trifloxystrobin	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
triflumizole	MSZ EN 15662:2009	GC-ECD	< 0.010 mg/kg	-	
triflumuron	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
trifluralin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
triforine	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
trichlorfon	MSZ EN 15662:2009*	GC-PFPD	< 0.010 mg/kg	-	
triticonazole	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	
vinclozolin (vinclozolin and all of its metabolites containing 3,5-dichloroaniline in equal amounts in total, expressed as vinclozolin)			< 0.010 mg/kg		
vinclozolin	MSZ EN 15662:2009	GC-MS	< 0.010 mg/kg	-	
3,5-dichloroaniline	MSZ EN 15662:2009	GC-MS	< 0.050 mg/kg	-	
zoxamide	MSZ EN 15662:2009	LC-MS/MS	< 0.010 mg/kg	-	

(1) The < mark in front of the value indicates an active agent content below the limit of detection (LOQ)

* Tests not accredited by NAT

Note: The result applies to specimens brought to and tested in the laboratory.

Velence, 29 April 2016

[Stamp:]

National Food Chain Safety Authority

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dr. Solymosné Dr. Majzik Etelka
Laboratory Manager**Clause of the Translation Agency:**

Caliban Translation Agency certifies that the ten-page English language translation coincides in every detail with the annexed copy of the original Hungarian document.

Pécs, 5th April 2017

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