



TEST CERTIFICATE

Medcalfe Way Bridge Street Chatteris Cambridgeshire PE16 6QZ England
Telephone: 01354 695858

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Certificate Number: TCHC913178-1 Final

Lab Ref.:

CHC1189052

Ms Kamila Pelechoá
ALS Czech Republic, s.r.o
Na Harfe 9/336
190 00 Praha 9
Czech Republic

Date Analysis Started:

25/07/2019

Country of Origin:

Date Reported:

29/07/2019

Commodity: Unspecified

Sample Details: Desc: FP1916275001 Sirup
Order No: FP1916275
Date Received: 24/07/2019
Date Tested: 25/07/2019

Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>GCMS/MS Pesticide Screen</u>						
1,4-dimethylnaphthalene	<0.01	mg / kg	-	-	AM/R/1003	
Acephate	<0.01	mg / kg	-	-	AM/R/1003	
Acetochlor	<0.01	mg / kg	-	-	AM/R/1003	
Acibenzolar-S-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Aclonifen	<0.01	mg / kg	-	-	AM/R/1003	
Acrinathrin	<0.01	mg / kg	-	-	AM/R/1003	
Alachlor	<0.01	mg / kg	-	-	AM/R/1003	
Allethrin	<0.01	mg / kg	-	-	AM/R/1003	
Ametryn	<0.01	mg / kg	-	-	AM/R/1003	
Anthraquinone	<0.01	mg / kg	-	-	AM/R/1003	
Atraton	<0.01	mg / kg	-	-	AM/R/1003	
Atrazine	<0.01	mg / kg	-	-	AM/R/1003	
Azaconazole	<0.01	mg / kg	-	-	AM/R/1003	
Azinphos ethyl	<0.01	mg / kg	-	-	AM/R/1003	
Azinphos methyl	<0.01	mg / kg	-	-	AM/R/1003	
Azoxystrobin	<0.01	mg / kg	-	-	AM/R/1003	
Benalaxyl	<0.01	mg / kg	-	-	AM/R/1003	
Benfluralin	<0.01	mg / kg	-	-	AM/R/1003	
Bifenox	<0.01	mg / kg	-	-	AM/R/1003	
Bifenthrin	<0.01	mg / kg	-	-	AM/R/1003	
Biphenyl	<0.01	mg / kg	-	-	AM/R/1003	
Bitertanol	<0.01	mg / kg	-	-	AM/R/1003	
Boscalid	<0.01	mg / kg	-	-	AM/R/1003	
Bromocyclen	<0.01	mg / kg	-	-	AM/R/1003	
Bromophos	<0.01	mg / kg	-	-	AM/R/1003	
Bromophos-ethyl	<0.01	mg / kg	-	-	AM/R/1003	
Bromopropylate	<0.01	mg / kg	-	-	AM/R/1003	
Bromuconazole	<0.01	mg / kg	-	-	AM/R/1003	
Bupirimate	<0.01	mg / kg	-	-	AM/R/1003	
Buprofezin	<0.01	mg / kg	-	-	AM/R/1003	
Butafenacil	<0.01	mg / kg	-	-	AM/R/1003	
Butralin	<0.01	mg / kg	-	-	AM/R/1003	
Cadusaphos	<0.01	mg / kg	-	-	AM/R/1003	
Carbophenothion	<0.01	mg / kg	-	-	AM/R/1003	
Chlorfenvinphos	<0.01	mg / kg	-	-	AM/R/1003	
Chinomethionate	<0.01	mg / kg	-	-	AM/R/1003	
cis Chlordane	<0.01	mg / kg	-	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
GCMS/MS Pesticide Screen						
trans Chlordane	<0.01	mg / kg	-	-	AM/R/1003	
Chlordane (sum of cis & trans isomers)	<0.01	mg / kg	-	-	AM/R/1003	
Chlordecone	<0.01	mg / kg	-	-	AM/R/1003	
Chlorfenapyr	<0.01	mg / kg	-	-	AM/R/1003	
Chlorfenson	<0.01	mg / kg	-	-	AM/R/1003	
Chlormephos	<0.01	mg / kg	-	-	AM/R/1003	
Chlorobenzilate	<0.01	mg / kg	-	-	AM/R/1003	
Chloroneb	<0.01	mg / kg	-	-	AM/R/1003	
Chloropropylate	<0.01	mg / kg	-	-	AM/R/1003	
Chlorothalonil	<0.01	mg / kg	-	-	AM/R/1003	
Chlorpyrifos	<0.01	mg / kg	-	-	AM/R/1003	
Chlorpyrifos-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Chlorthal-dimethyl	<0.01	mg / kg	-	-	AM/R/1003	
Chlorthion	<0.01	mg / kg	-	-	AM/R/1003	
Chlozolinate	<0.01	mg / kg	-	-	AM/R/1003	
Chlorpropham	<0.01	mg / kg	-	-	AM/R/1003	
Climbazole	<0.01	mg / kg	-	-	AM/R/1003	
Clodinafop-propargyl	<0.01	mg / kg	-	-	AM/R/1003	
Cloquintocet-mexyl	<0.01	mg / kg	-	-	AM/R/1003	
Crimidine	<0.01	mg / kg	-	-	AM/R/1003	
Cyanazine	<0.01	mg / kg	-	-	AM/R/1003	
Cyanofenphos	<0.01	mg / kg	-	-	AM/R/1003	
Cyanophos	<0.01	mg / kg	-	-	AM/R/1003	
Cyfluthrin (sum of isomers)	<0.01	mg / kg	-	-	AM/R/1003	
Lambda Cyhalothrin	<0.01	mg / kg	-	-	AM/R/1003	
Cypermethrin (sum of isomers)	<0.01	mg / kg	-	-	AM/R/1003	
Cyproconazole	<0.01	mg / kg	-	-	AM/R/1003	
Cyprodinil	<0.01	mg / kg	-	-	AM/R/1003	
o,p'-DDD	<0.01	mg / kg	-	-	AM/R/1003	
p,p'-DDD	<0.01	mg / kg	-	-	AM/R/1003	
o,p'-DDE	<0.01	mg / kg	-	-	AM/R/1003	
p,p'-DDE	<0.01	mg / kg	-	-	AM/R/1003	
o,p'-DDT	<0.01	mg / kg	-	-	AM/R/1003	
p,p'-DDT	<0.01	mg / kg	-	-	AM/R/1003	
DDT (sum of pp'-DDE,pp'-DDD,op'-DDT & pp'-DDT expressed as DDT)	<0.01	mg / kg	-	-	AM/R/1003	
Deltamethrin	<0.01	mg / kg	-	-	AM/R/1003	
Desmetryn	<0.01	mg / kg	-	-	AM/R/1003	
Diallate	<0.01	mg / kg	-	-	AM/R/1003	
Diazinon	<0.01	mg / kg	-	-	AM/R/1003	
Dichlobenil	<0.01	mg / kg	-	-	AM/R/1003	
Dichlofenthion	<0.01	mg / kg	-	-	AM/R/1003	
Dichlorvos	<0.01	mg / kg	-	-	AM/R/1003	
Diclobutrazol	<0.01	mg / kg	-	-	AM/R/1003	
Diclofop-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Dicloran	<0.01	mg / kg	-	-	AM/R/1003	
Dicofol	<0.01	mg / kg	-	-	AM/R/1003	
Dicrotophos	<0.01	mg / kg	-	-	AM/R/1003	
Aldrin	<0.01	mg / kg	-	-	AM/R/1003	
Dieldrin	<0.01	mg / kg	-	-	AM/R/1003	
Sum of Aldrin and Dieldrin (expressed as Dieldrin)	<0.01	mg / kg	-	-	AM/R/1003	
Difenoconazole	<0.01	mg / kg	-	-	AM/R/1003	
Dimethomorph	<0.01	mg / kg	-	-	AM/R/1003	
Dioxabenzofos	<0.01	mg / kg	-	-	AM/R/1003	
Diphenylamine	<0.01	mg / kg	-	-	AM/R/1003	
Dipropetryn	<0.01	mg / kg	-	-	AM/R/1003	



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GCMS/MS Pesticide Screen						
Ditalimfos	<0.01	mg / kg	-	-	AM/R/1003	
Edifenphos	<0.01	mg / kg	-	-	AM/R/1003	
Endosulfan - Alpha	<0.01	mg / kg	-	-	AM/R/1003	
Endosulfan - Beta	<0.01	mg / kg	-	-	AM/R/1003	
Endosulfan sulphate	<0.01	mg / kg	-	-	AM/R/1003	
Endosulfan (sum of alpha and beta isomers and endosulfan sulphate)	<0.01	mg / kg	-	-	AM/R/1003	
Endrin	<0.01	mg / kg	-	-	AM/R/1003	
EPN	<0.01	mg / kg	-	-	AM/R/1003	
EPTC	<0.01	mg / kg	-	-	AM/R/1003	
Etaconazole	<0.01	mg / kg	-	-	AM/R/1003	
Ethion	<0.01	mg / kg	-	-	AM/R/1003	
Ethofumesate (parent only)	<0.01	mg / kg	-	-	AM/R/1003	
Ethoprophos	<0.01	mg / kg	-	-	AM/R/1003	
Ettoxazole	<0.01	mg / kg	-	-	AM/R/1003	
Etridiazole	<0.01	mg / kg	-	-	AM/R/1003	
Etrimfos	<0.01	mg / kg	-	-	AM/R/1003	
Flamprop isopropyl	<0.01	mg / kg	-	-	AM/R/1003	
Famphur	<0.01	mg / kg	-	-	AM/R/1003	
Fenarimol	<0.01	mg / kg	-	-	AM/R/1003	
Fenclorphos	<0.01	mg / kg	-	-	AM/R/1003	
Fenclorphos oxon	<0.01	mg / kg	-	-	AM/R/1003	
Fenclorphos (sum of Fenclorphos & Fenclorphos oxon)	<0.01	mg / kg	-	-	AM/R/1003	
Fenitrothion	<0.01	mg / kg	-	-	AM/R/1003	
Fenpiclonil	<0.01	mg / kg	-	-	AM/R/1003	
Fenpropathrin	<0.01	mg / kg	-	-	AM/R/1003	
Fenpropimorph	<0.01	mg / kg	-	-	AM/R/1003	
Fenson	<0.01	mg / kg	-	-	AM/R/1003	
Fensulfothion	<0.01	mg / kg	-	-	AM/R/1003	
Fenthion (parent only)	<0.01	mg / kg	-	-	AM/R/1003	
Fenvalerate (sum of isomers)	<0.01	mg / kg	-	-	AM/R/1003	
Fipronil (Parent only)	<0.005	mg / kg	-	-	AM/R/1003	
Fluazifop-p-butyl (parent only)	<0.01	mg / kg	-	-	AM/R/1003	
Fluchloralin	<0.01	mg / kg	-	-	AM/R/1003	
Flucythrinate (sum of isomers)	<0.01	mg / kg	-	-	AM/R/1003	
Fludioxonil	<0.01	mg / kg	-	-	AM/R/1003	
Flumetralin	<0.01	mg / kg	-	-	AM/R/1003	
Flumioxazine	<0.01	mg / kg	-	-	AM/R/1003	
Fluopyram	<0.01	mg / kg	-	-	AM/R/1003	
Flurprimidole	<0.01	mg / kg	-	-	AM/R/1003	
Flusilazole	<0.01	mg / kg	-	-	AM/R/1003	
Fluthiacet-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Flutolanil	<0.01	mg / kg	-	-	AM/R/1003	
Flutriafol	<0.01	mg / kg	-	-	AM/R/1003	
tau-Fluvalinate	<0.01	mg / kg	-	-	AM/R/1003	
Fluxapyroxad	<0.01	mg / kg	-	-	AM/R/1003	
Fonofos	<0.01	mg / kg	-	-	AM/R/1003	
Furalaxyl	<0.01	mg / kg	-	-	AM/R/1003	
Furathiocarb	<0.01	mg / kg	-	-	AM/R/1003	
Hexachlorobenzene	<0.01	mg / kg	-	-	AM/R/1003	
Hexachlorocyclohexane - alpha	<0.01	mg / kg	-	-	AM/R/1003	
Hexachlorocyclohexane - beta	<0.01	mg / kg	-	-	AM/R/1003	
Hexachlorocyclohexane - delta	<0.01	mg / kg	-	-	AM/R/1003	
Hexachlorocyclohexane - gamma	<0.01	mg / kg	-	-	AM/R/1003	
Heptachlor	<0.01	mg / kg	-	-	AM/R/1003	
trans Heptachlor epoxide	<0.01	mg / kg	-	-	AM/R/1003	
cis Heptachlor epoxide	<0.01	mg / kg	-	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>GCMS/MS Pesticide Screen</u>						
Heptachlor (sum of heptachlor & heptachlor epoxide expressed as heptachlor)	<0.01	mg / kg	-	-	AM/R/1003	
Heptenophos	<0.01	mg / kg	-	-	AM/R/1003	
Hexaconazole	<0.01	mg / kg	-	-	AM/R/1003	
Imazalil	<0.01	mg / kg	-	-	AM/R/1003	
Iodofenphos	<0.01	mg / kg	-	-	AM/R/1003	
Iprodione	<0.01	mg / kg	-	-	AM/R/1003	
Isazophos	<0.01	mg / kg	-	-	AM/R/1003	
Isobenzan	<0.01	mg / kg	-	-	AM/R/1003	
Isodrin	<0.01	mg / kg	-	-	AM/R/1003	
Isofenphos	<0.01	mg / kg	-	-	AM/R/1003	
Isoprocab	<0.01	mg / kg	-	-	AM/R/1003	
Isoxadifen-ethyl	<0.01	mg / kg	-	-	AM/R/1003	
Isoxathion	<0.01	mg / kg	-	-	AM/R/1003	
Kresoxim-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Leptophos	<0.01	mg / kg	-	-	AM/R/1003	
Malaoxon	<0.01	mg / kg	-	-	AM/R/1003	
Malathion	<0.01	mg / kg	-	-	AM/R/1003	
Sum of malathion and malaoxon (expressed as malathion)	<0.01	mg / kg	-	-	AM/R/1003	
MCPA-thioethyl	<0.01	mg / kg	-	-	AM/R/1003	
Mecarbam	<0.01	mg / kg	-	-	AM/R/1003	
Mefenapyr-diethyl	<0.01	mg / kg	-	-	AM/R/1003	
Mepanipyrim	<0.01	mg / kg	-	-	AM/R/1003	
Metalaxyl and metalaxyl-M (sum of isomers)	<0.01	mg / kg	-	-	AM/R/1003	
Metazachlor (Parent Only)	<0.01	mg / kg	-	-	AM/R/1003	
Metconazole	<0.01	mg / kg	-	-	AM/R/1003	
Methacrifos	<0.01	mg / kg	-	-	AM/R/1003	
Methamidophos	<0.01	mg / kg	-	-	AM/R/1003	
Methidathion	<0.01	mg / kg	-	-	AM/R/1003	
Methoxychlor	<0.01	mg / kg	-	-	AM/R/1003	
Metrafenone	<0.01	mg / kg	-	-	AM/R/1003	
Metribuzin	<0.01	mg / kg	-	-	AM/R/1003	
Mevinphos	<0.01	mg / kg	-	-	AM/R/1003	
Mirex	<0.01	mg / kg	-	-	AM/R/1003	
Monocrotophos	<0.01	mg / kg	-	-	AM/R/1003	
Myclobutanil	<0.01	mg / kg	-	-	AM/R/1003	
Napropamide	<0.01	mg / kg	-	-	AM/R/1003	
Nitralin	<0.01	mg / kg	-	-	AM/R/1003	
Nitrofen	<0.01	mg / kg	-	-	AM/R/1003	
Nitrothal-isopropyl	<0.01	mg / kg	-	-	AM/R/1003	
Nuarimol	<0.01	mg / kg	-	-	AM/R/1003	
Ofurace	<0.01	mg / kg	-	-	AM/R/1003	
Omethoate	<0.01	mg / kg	-	-	AM/R/1003	
Oxadixyl	<0.01	mg / kg	-	-	AM/R/1003	
Oxyfluorfen	<0.01	mg / kg	-	-	AM/R/1003	
Paclobutrazol	<0.01	mg / kg	-	-	AM/R/1003	
Parathion Ethyl	<0.01	mg / kg	-	-	AM/R/1003	
Parathion Methyl	<0.01	mg / kg	-	-	AM/R/1003	
Pebulate	<0.01	mg / kg	-	-	AM/R/1003	
Penconazole	<0.01	mg / kg	-	-	AM/R/1003	
Pendimethalin	<0.01	mg / kg	-	-	AM/R/1003	
Pentachloroanisole	<0.01	mg / kg	-	-	AM/R/1003	
Pentachlorobenzene	<0.01	mg / kg	-	-	AM/R/1003	
Permethrin (sum of isomers)	<0.01	mg / kg	-	-	AM/R/1003	
Perthan	<0.01	mg / kg	-	-	AM/R/1003	
Phenothrin	<0.01	mg / kg	-	-	AM/R/1003	



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GCMS/MS Pesticide Screen						
Phenthoate	<0.01	mg / kg	-	-	AM/R/1003	
Phosalone	<0.01	mg / kg	-	-	AM/R/1003	
Phosfolan	<0.01	mg / kg	-	-	AM/R/1003	
Phosmet (parent only)	<0.01	mg / kg	-	-	AM/R/1003	
Phosphamidon	<0.01	mg / kg	-	-	AM/R/1003	
Piperonyl Butoxide	<0.01	mg / kg	-	-	AM/R/1003	
Pirimicarb	<0.01	mg / kg	-	-	AM/R/1003	
Pirimiphos - ethyl	<0.01	mg / kg	-	-	AM/R/1003	
Pirimiphos-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Procymidone	<0.01	mg / kg	-	-	AM/R/1003	
Profenofos	<0.01	mg / kg	-	-	AM/R/1003	
Profluralin	<0.01	mg / kg	-	-	AM/R/1003	
Prometryn	<0.01	mg / kg	-	-	AM/R/1003	
Propachlor	<0.01	mg / kg	-	-	AM/R/1003	
Propargite	<0.01	mg / kg	-	-	AM/R/1003	
Propazine	<0.01	mg / kg	-	-	AM/R/1003	
Propetamphos	<0.01	mg / kg	-	-	AM/R/1003	
Propham	<0.01	mg / kg	-	-	AM/R/1003	
Propiconazole	<0.01	mg / kg	-	-	AM/R/1003	
Propyzamide	<0.01	mg / kg	-	-	AM/R/1003	
Prothiofos	<0.01	mg / kg	-	-	AM/R/1003	
Pyrazophos	<0.01	mg / kg	-	-	AM/R/1003	
Pyridaphenthion	<0.01	mg / kg	-	-	AM/R/1003	
Pyrimethanil	<0.01	mg / kg	-	-	AM/R/1003	
Quinalphos	<0.01	mg / kg	-	-	AM/R/1003	
Pentachloroaniline	<0.01	mg / kg	-	-	AM/R/1003	
Quintozene	<0.01	mg / kg	-	-	AM/R/1003	
Quintozene (sum of quintozene & pentachloroaniline expressed as quintozene)	<0.01	mg / kg	-	-	AM/R/1003	
Resmethrin	<0.01	mg / kg	-	-	AM/R/1003	
Silafluofen	<0.01	mg / kg	-	-	AM/R/1003	
Simazine	<0.01	mg / kg	-	-	AM/R/1003	
Sulfotep	<0.01	mg / kg	-	-	AM/R/1003	
Sulprofos	<0.01	mg / kg	-	-	AM/R/1003	
Tetrachlorvinphos	<0.01	mg / kg	-	-	AM/R/1003	
Tebuconazole	<0.01	mg / kg	-	-	AM/R/1003	
Tecnazene	<0.01	mg / kg	-	-	AM/R/1003	
Tefluthrin	<0.01	mg / kg	-	-	AM/R/1003	
Terbacil	<0.01	mg / kg	-	-	AM/R/1003	
Terbufos (sum of terbufos, terbufos sulfone & terbufos sulfoxide)	<0.01	mg / kg	-	-	AM/R/1003	
Terbumeton	<0.01	mg / kg	-	-	AM/R/1003	
Terbutylazine	<0.01	mg / kg	-	-	AM/R/1003	
Terbutryn	<0.01	mg / kg	-	-	AM/R/1003	
Tetradifon	<0.01	mg / kg	-	-	AM/R/1003	
Tetramethrin	<0.01	mg / kg	-	-	AM/R/1003	
Tetrasul	<0.01	mg / kg	-	-	AM/R/1003	
Thiabendazole	<0.01	mg / kg	-	-	AM/R/1003	
Thiometon	<0.01	mg / kg	-	-	AM/R/1003	
Tolclofos-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Transfluthin	<0.01	mg / kg	-	-	AM/R/1003	
Triadimefon	<0.01	mg / kg	-	-	AM/R/1003	
Triadimenol	<0.01	mg / kg	-	-	AM/R/1003	
Tri-allate	<0.01	mg / kg	-	-	AM/R/1003	
Triazamate	<0.01	mg / kg	-	-	AM/R/1003	
Triazophos	<0.01	mg / kg	-	-	AM/R/1003	
Trichloronate	<0.01	mg / kg	-	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
GCMS/MS Pesticide Screen						
Trietazine	<0.01	mg / kg	-	-	AM/R/1003	
Trifloxystrobin	<0.01	mg / kg	-	-	AM/R/1003	
Trifluralin	<0.01	mg / kg	-	-	AM/R/1003	
Triticonazole	<0.01	mg / kg	-	-	AM/R/1003	
Vinclozolin (parent compound only)	<0.01	mg / kg	-	-	AM/R/1003	
Zoxamide	<0.01	mg / kg	-	-	AM/R/1003	

Note: Default uncertainty of $\pm 50\%$ should be applied when interpreting these data, according to SANTE/11813/2017. Our validation data supports SANTE's prerequisite for using this default value.

Buddhi Dias

Laboratory Manager- Contaminants

For and on Behalf of ALS Laboratories (UK) Limited

Disclaimers:

MRL = EU Maximum Residue Level for Unspecified

Rec. = Recovery efficiency of analytical method. The results on this certificate have not been corrected for recovery efficiency unless stated.

Recoveries were performed on a selection of compounds representative of the pesticide classes analysed in this test.

The testing results in this certificate relate only to the samples described above.

Unless otherwise stated, all results are expressed on an as received basis.

Chemistry Samples will be retained for a period of 14 calendar days from the date reported unless otherwise agreed in writing with the Laboratory.