



TEST CERTIFICATE

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Certificate Number: TCHC1507573-1 Final

Lab Ref.:

CHC1909246

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

Date Analysis Started:

03/01/2023

Country of Origin:

Date Reported:

10/01/2023

Commodity: Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)

Sample Details: Description: FP2234051001 Tea

Order No: ALSUK FP2233965

Received Date: 28/12/2022

Start Testing Date: 03/01/2023

Test	Result	Units	MRL EU	Rec. %	Method Number	Flag
<u>GCMS/MS Pesticide Screen</u>						
1,4-dimethylnaphthalene	<0.01	mg / kg	-	-	AM/R/1003	-
Acetochlor	<0.01	mg / kg	0.05	-	AM/R/1003	-
Acibenzolar-S-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Aclonifen	<0.01	mg / kg	0.05	-	AM/R/1003	-
Alachlor	<0.01	mg / kg	0.05	-	AM/R/1003	-
Ametryn	<0.01	mg / kg	-	-	AM/R/1003	-
Atraton	<0.01	mg / kg	-	-	AM/R/1003	-
Atrazine	<0.01	mg / kg	0.1	-	AM/R/1003	-
Azaconazole	<0.01	mg / kg	-	-	AM/R/1003	-
Azinphos ethyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Azinphos methyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Azoxystrobin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Benalaxyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Benfluralin	<0.01	mg / kg	0.1	-	AM/R/1003	-
Bifenox	<0.01	mg / kg	0.05	-	AM/R/1003	-
Bifenthrin	<0.01	mg / kg	30	-	AM/R/1003	-
Biphenyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Boscalid	<0.01	mg / kg	40	-	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	0.05	-	AM/R/1003	-
Bromopropylate	<0.01	mg / kg	0.05	-	AM/R/1003	-
Bromuconazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Bupirimate	<0.01	mg / kg	0.05	-	AM/R/1003	-
Buprofezin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Butafenacil	<0.01	mg / kg	-	-	AM/R/1003	-
Butralin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Cadusaphos	<0.01	mg / kg	0.01	-	AM/R/1003	-
Carbophenothion	<0.01	mg / kg	-	-	AM/R/1003	-
Chlorfenvinphos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Chinomethionate	<0.01	mg / kg	-	-	AM/R/1003	-
cis Chlordane	<0.01	mg / kg	-	-	AM/R/1003	-
trans Chlordane	<0.01	mg / kg	-	-	AM/R/1003	-
Chlordane (sum of cis & trans isomers)	<0.01	mg / kg	0.02	-	AM/R/1003	-
Chlorfenapyr	<0.01	mg / kg	50	-	AM/R/1003	-
Chlorfenson	<0.01	mg / kg	0.1	-	AM/R/1003	-
Chlormephos	<0.01	mg / kg	-	-	AM/R/1003	-
Chlorobenzilate	<0.01	mg / kg	0.1	-	AM/R/1003	-



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<u>GCMS/MS Pesticide Screen</u>						
Chloroneb	<0.01	mg / kg	-	-	AM/R/1003	-
Chloropropylate	<0.01	mg / kg	-	-	AM/R/1003	-
Chlorpropham	<0.01	mg / kg	0.05	-	AM/R/1003	-
Chlorpyrifos	<0.01	mg / kg	0.01	-	AM/R/1003	-
Chlorpyrifos-methyl	<0.01	mg / kg	0.01	-	AM/R/1003	-
Chlorthal-dimethyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Chlorthion	<0.01	mg / kg	-	-	AM/R/1003	-
Chlozolinate	<0.01	mg / kg	0.05	-	AM/R/1003	-
Climbazole	<0.01	mg / kg	-	-	AM/R/1003	-
Clodinafop-propargyl	<0.01	mg / kg	0.1	-	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	0.1	-	AM/R/1003	-
Lambda Cyhalothrin	<0.01	mg / kg	0.01	-	AM/R/1003	-
Cypermethrin (sum of isomers)	<0.01	mg / kg	0.5	-	AM/R/1003	-
Cyproconazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Cyprodinil	<0.01	mg / kg	0.1	-	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	0.2	-	AM/R/1003	-
Deltamethrin	<0.01	mg / kg	5	-	AM/R/1003	-
Desmetryn	<0.01	mg / kg	-	-	AM/R/1003	-
Diallate	<0.01	mg / kg	0.05	-	AM/R/1003	-
Diazinon	<0.01	mg / kg	0.05	-	AM/R/1003	-
Dichlobenil	<0.01	mg / kg	0.05	-	AM/R/1003	-
Dichlofenthion	<0.01	mg / kg	-	-	AM/R/1003	-
Dichlorvos	<0.01	mg / kg	0.02	-	AM/R/1003	-
Diclobutrazol	<0.01	mg / kg	-	-	AM/R/1003	-
Diclofop-methyl	<0.01	mg / kg	0.1	-	AM/R/1003	-
Dicloran	<0.01	mg / kg	0.05	-	AM/R/1003	-
Dicofol	<0.01	mg / kg	20	-	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	0.02	-	AM/R/1003	-
Difenoconazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Dimethomorph	<0.01	mg / kg	0.05	-	AM/R/1003	-
Dioxabenzofos	<0.01	mg / kg	-	-	AM/R/1003	-
Diphenylamine	<0.01	mg / kg	0.05	-	AM/R/1003	-
Dipropetryn	<0.01	mg / kg	-	-	AM/R/1003	-
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	-
Endrin	<0.01	mg / kg	0.01	-	AM/R/1003	-
EPN	<0.01	mg / kg	-	-	AM/R/1003	-
EPTC	<0.01	mg / kg	0.05	-	AM/R/1003	-
Etaconazole	<0.01	mg / kg	-	-	AM/R/1003	-
Ethion	<0.01	mg / kg	3	-	AM/R/1003	-
Ethofumesate (parent only)	<0.01	mg / kg	0.1	-	AM/R/1003	-



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<u>GCMS/MS Pesticide Screen</u>						
Ethoprophos	<0.01	mg / kg	0.02	-	AM/R/1003	-
Etoazole	<0.01	mg / kg	15	-	AM/R/1003	-
Etridiazole	<0.01	mg / kg	0.05	-	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	0.05	-	AM/R/1003	-
Fenchlorphos	<0.01	mg / kg	-	-	AM/R/1003	-
Fenchlorphos oxon	<0.01	mg / kg	-	-	AM/R/1003	-
Fenchlorphos (sum of Fenchlorphos & Fenchlophos oxon)	<0.01	mg / kg	0.1	-	AM/R/1003	-
Fenitrothion	<0.01	mg / kg	0.05	-	AM/R/1003	-
Fenpropathrin	<0.01	mg / kg	2	-	AM/R/1003	-
Fenpropimorph	<0.01	mg / kg	0.05	-	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	0.05	-	AM/R/1003	-
Fenvalerate (sum of isomers)	<0.01	mg / kg	0.1	-	AM/R/1003	-
Fluazifop-p-butyl (parent only)	<0.01	mg / kg	0.05	-	AM/R/1003	-
Fluchloralin	<0.01	mg / kg	-	-	AM/R/1003	-
Flucythrinate (sum of isomers)	<0.01	mg / kg	0.05	-	AM/R/1003	-
Fludioxonil	<0.01	mg / kg	0.05	-	AM/R/1003	-
Flumetralin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Fluopyram	<0.01	mg / kg	0.05	-	AM/R/1003	-
Flurprimidole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Flusilazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Fluthiacet-methyl	<0.01	mg / kg	-	-	AM/R/1003	-
Flutolanil	<0.01	mg / kg	0.05	-	AM/R/1003	-
Flutriafol	<0.01	mg / kg	0.05	-	AM/R/1003	-
Fluxapyroxad	<0.01	mg / kg	0.05	-	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	-
Hexachlorocyclohexane - alpha	<0.01	mg / kg	0.01	-	AM/R/1003	-
Hexachlorocyclohexane - beta	<0.01	mg / kg	0.01	-	AM/R/1003	-
Hexachlorocyclohexane - delta	<0.01	mg / kg	-	-	AM/R/1003	-
Hexachlorocyclohexane - gamma	<0.01	mg / kg	0.01	-	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	-
Heptachlor (sum of heptachlor & heptachlor epoxide expressed as heptachlor)	<0.01	mg / kg	0.02	-	AM/R/1003	-
Heptenophos	<0.01	mg / kg	-	-	AM/R/1003	-
Hexaconazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Imazalil	<0.01	mg / kg	0.05	-	AM/R/1003	-
Iodofenphos	<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	-
Isoxadifen-ethyl	<0.01	mg / kg	-	-	AM/R/1003	-
Isoxathion	<0.01	mg / kg	-	-	AM/R/1003	-
Kresoxim-methyl	<0.01	mg / kg	0.05	-	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	0.5	-	AM/R/1003	-
MCPA-thioethyl	<0.01	mg / kg	-	-	AM/R/1003	-
Mecarbam	<0.01	mg / kg	0.05	-	AM/R/1003	-



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Test	Result	Units	MRL EU	Rec. %	Method Number	Flag
<u>GCMS/MS Pesticide Screen</u>						
Mefenapyr-diethyl	<0.01	mg / kg	-	-	AM/R/1003	-
Mepanipyrim	<0.01	mg / kg	0.05	-	AM/R/1003	-
Metalaxyl and metalaxyl-M (sum of isomers)	<0.01	mg / kg	0.05	-	AM/R/1003	-
Metazachlor (Parent Only)	<0.01	mg / kg	0.1	-	AM/R/1003	-
Metconazole	<0.01	mg / kg	0.1	-	AM/R/1003	-
Methacrifos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Methamidophos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Methidathion	<0.01	mg / kg	0.1	-	AM/R/1003	-
Methoxychlor	<0.01	mg / kg	0.1	-	AM/R/1003	-
Metrafenone	<0.01	mg / kg	0.05	-	AM/R/1003	-
Metribuzin	<0.01	mg / kg	0.1	-	AM/R/1003	-
Mevinphos	<0.01	mg / kg	0.02	-	AM/R/1003	-
Mirex	<0.01	mg / kg	-	-	AM/R/1003	-
Monocrotophos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Myclobutanil	<0.01	mg / kg	0.05	-	AM/R/1003	-
Napropamide	<0.01	mg / kg	0.05	-	AM/R/1003	-
Nitralin	<0.01	mg / kg	-	-	AM/R/1003	-
Nitrofen	<0.01	mg / kg	0.02	-	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	0.05	-	AM/R/1003	-
Oxadixyl	<0.01	mg / kg	0.02	-	AM/R/1003	-
Oxyfluorfen	<0.01	mg / kg	0.05	-	AM/R/1003	-
Paclobutrazol	<0.01	mg / kg	0.05	-	AM/R/1003	-
Parathion Ethyl	<0.01	mg / kg	0.1	-	AM/R/1003	-
Parathion Methyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Pebulate	<0.01	mg / kg	-	-	AM/R/1003	-
Penconazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Pendimethalin	<0.01	mg / kg	0.05	-	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	0.1	-	AM/R/1003	-
Perthan	<0.01	mg / kg	-	-	AM/R/1003	-
Phenothrin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Phenthoate	<0.01	mg / kg	-	-	AM/R/1003	-
Phosalone	<0.01	mg / kg	0.05	-	AM/R/1003	-
Phosfolan	<0.01	mg / kg	-	-	AM/R/1003	-
Phosmet (parent only)	<0.01	mg / kg	0.1	-	AM/R/1003	-
Phosphamidon	<0.01	mg / kg	0.02	-	AM/R/1003	-
Piperonyl Butoxide	<0.01	mg / kg	-	-	AM/R/1003	-
Pirimicarb	<0.01	mg / kg	0.05	-	AM/R/1003	-
Pirimiphos - ethyl	<0.01	mg / kg	-	-	AM/R/1003	-
Pirimiphos-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Procymidone	<0.01	mg / kg	0.05	-	AM/R/1003	-
Profenofos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Profluralin	<0.01	mg / kg	-	-	AM/R/1003	-
Prometryn	<0.01	mg / kg	-	-	AM/R/1003	-
Propachlor	<0.01	mg / kg	0.1	-	AM/R/1003	-
Propargite	<0.01	mg / kg	10	-	AM/R/1003	-
Propazine	<0.01	mg / kg	-	-	AM/R/1003	-
Propetamphos	<0.01	mg / kg	-	-	AM/R/1003	-
Propham	<0.01	mg / kg	0.05	-	AM/R/1003	-
Propiconazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Propyzamide	<0.01	mg / kg	0.05	-	AM/R/1003	-
Prothiofos	<0.01	mg / kg	-	-	AM/R/1003	-
Pyrazophos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Pyridaphenthion	<0.01	mg / kg	-	-	AM/R/1003	-



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<u>GCMS/MS Pesticide Screen</u>						
Pyrimethanil	<0.01	mg / kg	0.05	-	AM/R/1003	-
Quinalphos	<0.01	mg / kg	0.05	-	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	0.1	-	AM/R/1003	-
Resmethrin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Silafluofen	<0.01	mg / kg	-	-	AM/R/1003	-
Simazine	<0.01	mg / kg	0.05	-	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	0.05	-	AM/R/1003	-
Tecnazene	<0.01	mg / kg	0.05	-	AM/R/1003	-
Tefluthrin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Terbacil	<0.01	mg / kg	-	-	AM/R/1003	-
Terbufos (sum of terbufos, terbufos sulfone & terbufos sulfoxide)	<0.01	mg / kg	0.01	-	AM/R/1003	-
Terbumeton	<0.01	mg / kg	-	-	AM/R/1003	-
Terbutylazine	<0.01	mg / kg	0.05	-	AM/R/1003	-
Terbutryn	<0.01	mg / kg	-	-	AM/R/1003	-
Tetradifon	<0.01	mg / kg	0.05	-	AM/R/1003	-
Tetramethrin	<0.01	mg / kg	-	-	AM/R/1003	-
Tetrasul	<0.01	mg / kg	-	-	AM/R/1003	-
Thiabendazole	<0.01	mg / kg	0.05	-	AM/R/1003	-
Thiometon	<0.01	mg / kg	-	-	AM/R/1003	-
Tolclofos-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	-
Transfluthin	<0.01	mg / kg	-	-	AM/R/1003	-
Triadimefon	<0.01	mg / kg	0.05	-	AM/R/1003	-
Triadimenol	<0.01	mg / kg	0.05	-	AM/R/1003	-
Tri-allate	<0.01	mg / kg	0.1	-	AM/R/1003	-
Triazamate	<0.01	mg / kg	-	-	AM/R/1003	-
Triazophos	<0.01	mg / kg	0.02	-	AM/R/1003	-
Trichloronate	<0.01	mg / kg	-	-	AM/R/1003	-
Trietazine	<0.01	mg / kg	-	-	AM/R/1003	-
Trifloxystrobin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Trifluralin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Triticonazole	<0.01	mg / kg	0.02	-	AM/R/1003	-
Vinclozolin (parent compound only)	<0.01	mg / kg	0.05	-	AM/R/1003	-
Zoxamide	<0.01	mg / kg	0.05	-	AM/R/1003	-

Note: Default uncertainty of $\pm 50\%$ should be applied when interpreting these data, according to SANTE/11312/2021. Our validation data supports SANTE's prerequisite for using this default value.

10/01/23 13:22

By Hannah Garvin, Section Head - Contaminants

For and on Behalf of ALS Laboratories (UK) Limited

Disclaimers:

MRL = Maximum Residue Level for

Tea (dried leaves and stalks, fermented or otherwise of *Camellia sinensis*)

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.

Statement of conformity made against the result does not take into account the uncertainty of measurement associated to the method.

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

Only flagged items will be indicated as such.