



# TEST CERTIFICATE

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

Page 1 of 5

**Certificate Number:** TCHC1418711-1 Final

**Lab Ref.:**

CHC1803165

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

**Date Analysis Started:**

22/06/2022

**Country of Origin:**

**Date Reported:**

27/06/2022

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

**Sample Details:** Description: FP2217116001 Matcha tea

Order No: ALSUK FP2217116

Received Date: 22/06/2022

Start Testing Date: 22/06/2022

Test	Result	Units	MRL	Rec. %	Method Number	Flag
<b><u>GCMS/MS Pesticide Screen</u></b>						
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	-
Acrinathrin	<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	-
Benalaxyl	<0.01	mg / kg	0.1	-	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	-
Bitertanol	<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	-
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	-
Chlordecone	<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	-
Chlorobenzilate	<0.01	mg / kg	0.1	-	AM/R/1003	-
Chloroneb	<0.01	mg / kg	-	-	AM/R/1003	-
Chloropropylate	<0.01	mg / kg	-	-	AM/R/1003	-



Certificate Number: TCHC1418711-1 Final

Sample Ref.: CHC1803165

Page 2 of 5

Test	Result	Units	MRL	Rec. %	Method Number	Flag
<b>GCMS/MS Pesticide Screen</b>						
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	-
Chlozolinat	<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	-
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	-
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	-
Dichlofenthion	<0.01	mg / kg	-	-	AM/R/1003	-
Diclobutrazol	<0.01	mg / kg	-	-	AM/R/1003	-
Diclofop-methyl	<0.01	mg / kg	0.05	-	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	-
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	-
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	30	-	AM/R/1003	-
Endrin	<0.01	mg / kg	0.01	-	AM/R/1003	-
EPN	<0.01	mg / kg	-	-	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	-
Ethoprophos	<0.01	mg / kg	0.02	-	AM/R/1003	-
Etoxazole	<0.01	mg / kg	15	-	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	-



Certificate Number: TCHC1418711-1 Final

Sample Ref.: CHC1803165

Page 3 of 5

Test	Result	Units	MRL	Rec. %	Method Number	Flag
<b>GCMS/MS Pesticide Screen</b>						
Fenchlorphos (sum of Fenchlorphos & Fenclorphos oxon)	<0.01	mg / kg	0.1	-	AM/R/1003	-
Fenitrothion	<0.01	mg / kg	0.05	-	AM/R/1003	-
Fenpiclonil	<0.01	mg / kg	-	-	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	-
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	-
Fipronil (Parent only)	<0.005	mg / kg	0.005	-	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	-
Flumioxazine	<0.01	mg / kg	0.1	-	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	-
Flutolanil	<0.01	mg / kg	0.05	-	AM/R/1003	-
Flutriafol	<0.01	mg / kg	0.05	-	AM/R/1003	-
tau-Fluvalinate	<0.01	mg / kg	0.01	-	AM/R/1003	-
Fluxapyroxad	<0.01	mg / kg	0.01	-	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	-
Iprodione	<0.01	mg / kg	0.05	-	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	-
Isufenphos	<0.01	mg / kg	-	-	AM/R/1003	-
Isoprocarb	<0.01	mg / kg	-	-	AM/R/1003	-
Isoxadifen-ethyl	<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	-
Malathion	<0.01	mg / kg	-	-	AM/R/1003	-
MCPA-thioethyl	<0.01	mg / kg	-	-	AM/R/1003	-
Mecarbam	<0.01	mg / kg	0.05	-	AM/R/1003	-
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	-



Certificate Number: TCHC1418711-1 Final

Sample Ref.: CHC1803165

Page 4 of 5

Test	Result	Units	MRL	Rec. %	Method Number	Flag
<b><u>GCMS/MS Pesticide Screen</u></b>						
Methamidophos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Methidathion	<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	-
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	-
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	-
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	-
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	-
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	-
Pyridaphenthion	<0.01	mg / kg	-	-	AM/R/1003	-
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	-



Certificate Number: TCHC1418711-1 Final

Sample Ref.: CHC1803165

Page 5 of 5

Test	Result	Units	MRL	Rec. %	Method Number	Flag
<b>GCMS/MS Pesticide Screen</b>						
Tetrachlorvinphos	<0.01	mg / kg	-	-	AM/R/1003	-
Tebuconazole	<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	-
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	-

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.

Certificate approved and electronically signed on 27/06/22 15:50

By Buddhi Dias, Laboratory Manager- Contaminants

For and on Behalf of ALS Laboratories (UK) Limited

**Disclaimers:**

MRL = GB Maximum Residue Level for Tea (dried leaves and stalks, fermented or otherwise of Camellia sinensis)

MRLs are in accordance to GB regulations

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.