



# TEST CERTIFICATE

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**Certificate Number:** TCHC1690531-1 Final

**Lab Ref.:**

CHC2128519

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

**Date Analysis Started:**

18/01/2024

**Country of Origin:**

**Date Reported:**

22/01/2024

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

**Sample Details:** Description: Bio Matcha Tea Imperial, sarze 231201  
Order No: FP2400943001  
Received Date: 17/01/2024  
Start Testing Date: 18/01/2024  
Product: None

Test	Result	Units	MRL EU	Rec. %	Method Number	Flag
<b><u>GCMS/MS Pesticide Screen</u></b>						
1,4-dimethylnaphthalene	<0.01	mg / kg	0.05	-	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	-
Allethrin	<0.01	mg / kg	-	-	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	-
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	-
Chlorfenoson	<0.01	mg / kg	0.1	-	AM/R/1003	-



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Test	Result	Units	MRL EU	Rec. %	Method Number	Flag
<b><u>GCMS/MS Pesticide Screen</u></b>						
Chlormephos	<0.01	mg / kg	-	-	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	-
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	0.05	-	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	-
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	-
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	-
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	-
Ethoprophos	<0.01	mg / kg	0.02	-	AM/R/1003	-
Etoxazole	<0.01	mg / kg	15	-	AM/R/1003	-



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<b><u>GCMS/MS Pesticide Screen</u></b>						
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	-
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	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	-
Fensulfothion	<0.01	mg / kg	-	-	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	-
Fluthiacet-methyl	<0.01	mg / kg	-	-	AM/R/1003	-
Flutriafol	<0.01	mg / kg	0.05	-	AM/R/1003	-
tau-Fluvalinate	<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	-
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	-
Isofenphos	<0.01	mg / kg	-	-	AM/R/1003	-
Isoproc carb	<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	-



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Test	Result	Units	MRL EU	Rec. %	Method Number	Flag
<b><u>GCMS/MS Pesticide Screen</u></b>						
Mecarbam	<0.01	mg / kg	0.05	-	AM/R/1003	-
Mefenapyr-diethyl	<0.01	mg / kg	-	-	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	-
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	-
Oxadixyl	<0.01	mg / kg	0.02	-	AM/R/1003	-
Oxyfluorfen	<0.01	mg / kg	0.05	-	AM/R/1003	-
Paclbutrazol	<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	-
Perthan (1,1-dichloro-2,2-bis(4-ethylphenyl)ethane)	<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)	<0.005	mg / kg	0.01	-	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	-
Pyrazophos	<0.01	mg / kg	0.05	-	AM/R/1003	-
Pyridaphenthion	<0.01	mg / kg	-	-	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	<0.01	mg / kg	0.1	-	AM/R/1003	-



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Test	Result	Units	MRL EU	Rec. %	Method Number	Flag
<b><u>GCMS/MS Pesticide Screen</u></b>						
quintozene)						
Resmethrin	<0.01	mg / kg	0.05	-	AM/R/1003	-
Silafiuofen	<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	-
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 ± 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.

22/01/24 15:49

By Joanne Marsh, Section Head

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.