



TEST CERTIFICATE

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Certificate Number: TCHC592569-1 Final

Lab Ref.: CHC807291

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Date Analysis Started: 22/01/2018

Country of Origin:

Date Reported: 26/01/2018

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

Sample Details: Desc: FP1801088001 Bio Matcha Tea

Order No: FP1801088

Date Received: 22/01/2018

Date Tested: 22/01/2018

Test	Result	Units	MRL	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	
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	
Azinphos ethyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Azinphos methyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Azoxystrobin	<0.01	mg / kg	0.05	-	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	
Biphenyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Bitertanol	<0.01	mg / kg	0.05	-	AM/R/1003	
Boscalid	<0.01	mg / kg	0.01	-	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	Rec. %	Method Number	Flag
GCMS/MS Pesticide Screen						
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	
Chlorpyrifos	<0.01	mg / kg	0.1	-	AM/R/1003	
Chlorpyrifos-methyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Chlorthal-dimethyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Chlorthion	<0.01	mg / kg	-	-	AM/R/1003	
Chlozolate	<0.01	mg / kg	0.05	-	AM/R/1003	
Chlorpropham	<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	1	-	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	
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	0.05	-	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	
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	



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<u>GCMS/MS Pesticide Screen</u>						
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	<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	
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	
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	
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	<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	
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	-	-	AM/R/1003	
Hexachlorocyclohexane - beta	<0.01	mg / kg	-	-	AM/R/1003	
Hexachlorocyclohexane - delta	<0.01	mg / kg	-	-	AM/R/1003	
Hexachlorocyclohexane - Sum of isomers other than gamma	<0.01	mg / kg	0.02	-	AM/R/1003	
Hexachlorocyclohexane - gamma	<0.01	mg / kg	0.05	-	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	0.1	-	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	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
GCMS/MS Pesticide Screen						
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	0.05	-	AM/R/1003	
Leptophos	<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	
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	0.02	-	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	0.1	-	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	<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	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>GCMS/MS Pesticide Screen</u>						
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	0.05	-	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	
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	
Terbuthylazine	<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	
<u>LCMS/MS Pesticide Screen</u>						
Abamectin	<0.01	mg / kg	0.05	-	AM/R/1003	
Acetamiprid	<0.01	mg / kg	0.05	-	AM/R/1003	
Sum of aldicarb, aldicarb sulfoxide & sulfone (expressed as aldicarb)	<0.01	mg / kg	0.05	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>LCMS/MS Pesticide Screen</u>						
Allethrin	<0.01	mg / kg	-	-	AM/R/1003	
Amicarbazone	<0.01	mg / kg	-	-	AM/R/1003	
Aminocarb	<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	
Azamethiphos	<0.01	mg / kg	-	-	AM/R/1003	
Azinphos-ethyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Azoxystrobin	<0.01	mg / kg	0.05	-	AM/R/1003	
Beflubetamid	<0.01	mg / kg	0.05	-	AM/R/1003	
Benalaxyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Bendiocarb	<0.01	mg / kg	-	-	AM/R/1003	
Benzoximate	<0.01	mg / kg	-	-	AM/R/1003	
Bifenazate	<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	
Bixafen	<0.01	mg / kg	0.01	-	AM/R/1003	
Boscalid	<0.01	mg / kg	0.01	-	AM/R/1003	
Bromacil	<0.01	mg / kg	-	-	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	
Butocarboxim	<0.01	mg / kg	-	-	AM/R/1003	
Butralin	<0.01	mg / kg	0.05	-	AM/R/1003	
Carbaryl	<0.01	mg / kg	0.05	-	AM/R/1003	
Carbendazim	<0.01	mg / kg	0.1	-	AM/R/1003	
Carbetamide	<0.01	mg / kg	0.05	-	AM/R/1003	
Sum of carbofuran & 3-OH carbofuran (expressed as carbofuran)	<0.001	mg / kg	0.05	-	AM/R/1003	
Carbosulfan	<0.01	mg / kg	0.05	-	AM/R/1003	
Carboxin	<0.01	mg / kg	0.05	-	AM/R/1003	
Carfentrazone-ethyl	<0.01	mg / kg	0.02	-	AM/R/1003	
Chlorantraniliprole	<0.01	mg / kg	0.02	-	AM/R/1003	
Chlorfenvinphos	<0.01	mg / kg	0.05	-	AM/R/1003	
Chloridazon	<0.01	mg / kg	0.1	-	AM/R/1003	
Chlorotoluron	<0.01	mg / kg	0.05	-	AM/R/1003	
Chlorpyrifos	<0.01	mg / kg	0.1	-	AM/R/1003	
Chlorpyrifos-methyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Chlorthiophos	<0.01	mg / kg	-	-	AM/R/1003	
Cinidon-ethyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Clofentezine	<0.01	mg / kg	0.05	-	AM/R/1003	
Clomazone	<0.01	mg / kg	0.05	-	AM/R/1003	
Clothianidin	<0.01	mg / kg	0.7	-	AM/R/1003	
Coumaphos	<0.01	mg / kg	-	-	AM/R/1003	
Cruformate	<0.01	mg / kg	-	-	AM/R/1003	
Cyanazine	<0.01	mg / kg	-	-	AM/R/1003	
Cyazofamid	<0.01	mg / kg	0.05	-	AM/R/1003	
Cycloate	<0.01	mg / kg	-	-	AM/R/1003	
Cycluron	<0.01	mg / kg	-	-	AM/R/1003	
Cyflufenamid	<0.01	mg / kg	0.05	-	AM/R/1003	
Cyhalothrin(lambda)	<0.01	mg / kg	1	-	AM/R/1003	
Cymiazole	<0.01	mg / kg	-	-	AM/R/1003	
Cymoxanil	<0.01	mg / kg	0.1	-	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	
DEET (N,N-dimethyl-m-toluamide)	<0.01	mg / kg	-	-	AM/R/1003	
Deltamethrin	<0.01	mg / kg	5	-	AM/R/1003	
Demeton-S-methyl	<0.01	mg / kg	-	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>LCMS/MS Pesticide Screen</u>						
Oxydemeton-methyl (sum of oxydemeton-me and dem-S-me sulfone as oxydemeton-me)	<0.01	mg / kg	0.05	-	AM/R/1003	
Desmedipham	<0.01	mg / kg	0.05	-	AM/R/1003	
Desmetryn	<0.01	mg / kg	-	-	AM/R/1003	
Dialifos	<0.01	mg / kg	-	-	AM/R/1003	
Diazinon	<0.01	mg / kg	0.05	-	AM/R/1003	
Dichlorvos	<0.01	mg / kg	0.02	-	AM/R/1003	
Diclofop-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Dicrotophos	<0.01	mg / kg	-	-	AM/R/1003	
Diethofencarb	<0.01	mg / kg	0.05	-	AM/R/1003	
Difenoconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Diflubenzuron	<0.01	mg / kg	0.1	-	AM/R/1003	
Diflufenican	<0.01	mg / kg	0.05	-	AM/R/1003	
Dimethachlor	<0.01	mg / kg	0.02	-	AM/R/1003	
Dimethenamid	<0.01	mg / kg	0.05	-	AM/R/1003	
Dimethoate	<0.01	mg / kg	0.05	-	AM/R/1003	
Omethoate	<0.01	mg / kg	0.05	-	AM/R/1003	
Dimethomorph	<0.01	mg / kg	0.05	-	AM/R/1003	
Dimethylvinphos	<0.01	mg / kg	-	-	AM/R/1003	
Dimoxystrobin	<0.01	mg / kg	0.05	-	AM/R/1003	
Diniconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Dinotefuran	<0.01	mg / kg	-	-	AM/R/1003	
Dioxacarb	<0.01	mg / kg	-	-	AM/R/1003	
Diphenamid	<0.01	mg / kg	-	-	AM/R/1003	
Disulfoton (sum of disulfoton, sulfoxide and sulfone expressed as disulfoton)	<0.01	mg / kg	-	-	AM/R/1003	
Diuron	<0.01	mg / kg	0.05	-	AM/R/1003	
Epoxiconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Ethidimuron (sulfodiazole)	<0.01	mg / kg	-	-	AM/R/1003	
Ethion	<0.01	mg / kg	3	-	AM/R/1003	
Ethofumesate	<0.01	mg / kg	0.1	-	AM/R/1003	
Ethoprophos	<0.01	mg / kg	0.02	-	AM/R/1003	
Etofenprox	<0.01	mg / kg	0.01	-	AM/R/1003	
Famoxadone	<0.01	mg / kg	0.05	-	AM/R/1003	
Fenamidone	<0.01	mg / kg	0.05	-	AM/R/1003	
Sum of fenamiphos, fenamiphos sulfone and fenamiphos sulfoxide	<0.01	mg / kg	0.05	-	AM/R/1003	
Fenarimol	<0.01	mg / kg	0.05	-	AM/R/1003	
Fenazaquin	<0.01	mg / kg	10	-	AM/R/1003	
Fenbuconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Fenchlorphos oxon	<0.01	mg / kg	-	-	AM/R/1003	
Fenobucarb	<0.01	mg / kg	-	-	AM/R/1003	
Fenoxaprop-P-ethyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Fenoxycarb	<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	
Fenpropidin	<0.01	mg / kg	0.05	-	AM/R/1003	
Fenpyroximate	<0.01	mg / kg	0.05	-	AM/R/1003	
Sum of fenthion, fenthion sulfone and fenthion sulfoxide	<0.01	mg / kg	0.05	-	AM/R/1003	
Fenuron	<0.01	mg / kg	-	-	AM/R/1003	
Fipronil (Parent only)	<0.005	mg / kg	0.005	-	AM/R/1003	
Flamprop isopropyl	<0.01	mg / kg	-	-	AM/R/1003	
Flonicamid (Parent only)	<0.01	mg / kg	0.1	-	AM/R/1003	
Flubendiamide	<0.01	mg / kg	0.02	-	AM/R/1003	
Flucythrinate (sum of isomers)	<0.01	mg / kg	0.1	-	AM/R/1003	
Fludioxonil	<0.01	mg / kg	0.05	-	AM/R/1003	
Flufenacet	<0.01	mg / kg	0.05	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>LCMS/MS Pesticide Screen</u>						
Flufenoxuron	<0.01	mg / kg	15	-	AM/R/1003	
Flumorph	<0.01	mg / kg	-	-	AM/R/1003	
Fluometuron	<0.01	mg / kg	0.02	-	AM/R/1003	
Fluopicolide	<0.01	mg / kg	0.02	-	AM/R/1003	
Fluoxastrobin	<0.01	mg / kg	0.05	-	AM/R/1003	
Fluquinconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Flurochloridone	<0.01	mg / kg	-	-	AM/R/1003	
Flurtamone	<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	
Formetanate hydrochloride	<0.01	mg / kg	0.05	-	AM/R/1003	
Formothion	<0.01	mg / kg	0.05	-	AM/R/1003	
Fosthiazate	<0.01	mg / kg	0.05	-	AM/R/1003	
Fuberidazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Furalaxyl	<0.01	mg / kg	-	-	AM/R/1003	
Furathiocarb	<0.01	mg / kg	0.05	-	AM/R/1003	
Azinphos-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Halofenozide	<0.01	mg / kg	-	-	AM/R/1003	
Haloxyfop-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Hexaconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Hexaflumuron	<0.01	mg / kg	-	-	AM/R/1003	
Hexazinone	<0.01	mg / kg	-	-	AM/R/1003	
Hexythiazox	<0.01	mg / kg	4	-	AM/R/1003	
Imazalil	<0.01	mg / kg	0.1	-	AM/R/1003	
Imidacloprid	<0.01	mg / kg	0.05	-	AM/R/1003	
Indoxacarb	<0.01	mg / kg	5	-	AM/R/1003	
Ipconazole	<0.01	mg / kg	0.02	-	AM/R/1003	
Iprobenfos	<0.01	mg / kg	-	-	AM/R/1003	
Iprovalicarb	<0.01	mg / kg	0.05	-	AM/R/1003	
Isocarbophos	<0.01	mg / kg	-	-	AM/R/1003	
Isofenphos-methyl	<0.01	mg / kg	-	-	AM/R/1003	
Isoprothiolane	<0.01	mg / kg	0.01	-	AM/R/1003	
Isoproturon	<0.01	mg / kg	0.05	-	AM/R/1003	
Isopyrazam	<0.01	mg / kg	0.01	-	AM/R/1003	
Isoxaben	<0.01	mg / kg	0.02	-	AM/R/1003	
Isoxaflutole (parent)	<0.01	mg / kg	0.1	-	AM/R/1003	
Ivermectin	<0.01	mg / kg	-	-	AM/R/1003	
Kresoxim-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Lenacil	<0.01	mg / kg	0.1	-	AM/R/1003	
Linuron	<0.01	mg / kg	0.1	-	AM/R/1003	
Lufenuron	<0.01	mg / kg	0.02	-	AM/R/1003	
Sum of malathion and malaoxon (expressed as malathion)	<0.01	mg / kg	0.5	-	AM/R/1003	
Mandipropamid	<0.01	mg / kg	0.02	-	AM/R/1003	
Mecarbam	<0.01	mg / kg	0.1	-	AM/R/1003	
Mepanipyrim	<0.01	mg / kg	0.05	-	AM/R/1003	
Mephosfolan	<0.01	mg / kg	-	-	AM/R/1003	
Mepronil	<0.01	mg / kg	0.05	-	AM/R/1003	
Metaflumizone	<0.01	mg / kg	0.1	-	AM/R/1003	
Metalaxyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Metamitron	<0.01	mg / kg	0.1	-	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	
Methabenzthiazuron	<0.01	mg / kg	0.05	-	AM/R/1003	
Methacrifos	<0.01	mg / kg	0.1	-	AM/R/1003	
Methamidophos	<0.01	mg / kg	0.05	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>LCMS/MS Pesticide Screen</u>						
Methidathion	<0.01	mg / kg	0.1	-	AM/R/1003	
Methiocarb (sum of methiocarb, sulfoxide and sulfone as methiocarb)	<0.01	mg / kg	0.1	-	AM/R/1003	
Methomyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Thiodicarb	<0.01	mg / kg	0.05	-	AM/R/1003	
Methoprotryne	<0.01	mg / kg	-	-	AM/R/1003	
Methoxyfenozide	<0.01	mg / kg	0.05	-	AM/R/1003	
Metobromuron	<0.01	mg / kg	-	-	AM/R/1003	
Metolachlor	<0.01	mg / kg	0.05	-	AM/R/1003	
Metolcarb	<0.01	mg / kg	-	-	AM/R/1003	
Metoxuron	<0.01	mg / kg	-	-	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	
Mexacarbate	<0.01	mg / kg	-	-	AM/R/1003	
Molinate	<0.01	mg / kg	0.05	-	AM/R/1003	
Monocrotophos	<0.01	mg / kg	0.05	-	AM/R/1003	
Monolinuron	<0.01	mg / kg	0.1	-	AM/R/1003	
Monuron	<0.01	mg / kg	0.05	-	AM/R/1003	
Moxidectin	<0.01	mg / kg	-	-	AM/R/1003	
Myclobutanil	<0.01	mg / kg	0.05	-	AM/R/1003	
Napropamide	<0.01	mg / kg	0.05	-	AM/R/1003	
Nitenpyram	<0.01	mg / kg	-	-	AM/R/1003	
Norflurazon	<0.01	mg / kg	-	-	AM/R/1003	
Novaluron	<0.01	mg / kg	0.01	-	AM/R/1003	
Oxadiazon	<0.01	mg / kg	0.05	-	AM/R/1003	
Oxadixyl	<0.01	mg / kg	0.02	-	AM/R/1003	
Oxamyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Pacllobutrazol	<0.01	mg / kg	0.02	-	AM/R/1003	
Paraoxon	<0.01	mg / kg	-	-	AM/R/1003	
Paraoxon methyl	<0.01	mg / kg	-	-	AM/R/1003	
Penconazole	<0.01	mg / kg	0.1	-	AM/R/1003	
Pencycuron	<0.01	mg / kg	0.05	-	AM/R/1003	
Pendimethalin	<0.01	mg / kg	0.05	-	AM/R/1003	
Penthiopyrad	<0.01	mg / kg	0.02	-	AM/R/1003	
Permethrin	<0.01	mg / kg	0.1	-	AM/R/1003	
Pethoxamid	<0.01	mg / kg	0.05	-	AM/R/1003	
Phenmedipham	<0.01	mg / kg	0.05	-	AM/R/1003	
Phenothrin	<0.01	mg / kg	0.05	-	AM/R/1003	
Phenthoate	<0.01	mg / kg	-	-	AM/R/1003	
Phorate (sum of phorate, sulfoxide and sulfone expressed as phorate)	<0.01	mg / kg	0.05	-	AM/R/1003	
Phosalone	<0.01	mg / kg	0.05	-	AM/R/1003	
Phosfolan	<0.01	mg / kg	-	-	AM/R/1003	
Phosmet	<0.01	mg / kg	0.1	-	AM/R/1003	
Phosphamidon	<0.01	mg / kg	0.02	-	AM/R/1003	
Phoxim	<0.01	mg / kg	0.1	-	AM/R/1003	
Picolinafen	<0.01	mg / kg	0.05	-	AM/R/1003	
Picoxystrobin	<0.01	mg / kg	0.05	-	AM/R/1003	
Pinoxaden	<0.01	mg / kg	0.05	-	AM/R/1003	
Piperonyl Butoxide	<0.01	mg / kg	-	-	AM/R/1003	
Pirimicarb	<0.01	mg / kg	0.05	-	AM/R/1003	
desmethyl Pirimicarb	<0.01	mg / kg	-	-	AM/R/1003	
Pirimiphos - ethyl	<0.01	mg / kg	-	-	AM/R/1003	
Pirimiphos-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Prochloraz (parent only)	<0.01	mg / kg	0.1	-	AM/R/1003	
Profenofos	<0.01	mg / kg	0.05	-	AM/R/1003	
Promecarb	<0.01	mg / kg	-	-	AM/R/1003	



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<u>LCMS/MS Pesticide Screen</u>						
Prometon	<0.01	mg / kg	-	-	AM/R/1003	
Prometryn	<0.01	mg / kg	-	-	AM/R/1003	
Propamocarb Hydrochloride	<0.01	mg / kg	0.05	-	AM/R/1003	
Propanil	<0.01	mg / kg	0.05	-	AM/R/1003	
Propaquizafop	<0.01	mg / kg	0.05	-	AM/R/1003	
Propargite	<0.01	mg / kg	0.05	-	AM/R/1003	
Propazine	<0.01	mg / kg	-	-	AM/R/1003	
Propetamphos	<0.01	mg / kg	-	-	AM/R/1003	
Propham	<0.01	mg / kg	0.1	-	AM/R/1003	
Propiconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Propoxur	<0.01	mg / kg	0.1	-	AM/R/1003	
Propyzamide	<0.01	mg / kg	0.05	-	AM/R/1003	
Proquinazid	<0.01	mg / kg	0.05	-	AM/R/1003	
Prosulfocarb	<0.01	mg / kg	0.05	-	AM/R/1003	
Prothioconazole-desthio	<0.01	mg / kg	0.05	-	AM/R/1003	
Pyracarbolid	<0.01	mg / kg	-	-	AM/R/1003	
Pyraclostrobin	<0.01	mg / kg	0.1	-	AM/R/1003	
Pyraflufen ethyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Pyridaben	<0.01	mg / kg	0.05	-	AM/R/1003	
Pyrifenox	<0.01	mg / kg	-	-	AM/R/1003	
Pyrimethanil	<0.01	mg / kg	0.05	-	AM/R/1003	
Pyriproxifen	<0.01	mg / kg	15	-	AM/R/1003	
Quassin (quassia)	<0.01	mg / kg	-	-	AM/R/1003	
Quinalphos	<0.01	mg / kg	0.1	-	AM/R/1003	
Quinoclamine	<0.01	mg / kg	0.05	-	AM/R/1003	
Quinoxifen	<0.01	mg / kg	0.05	-	AM/R/1003	
Quizalofop ethyl	<0.01	mg / kg	0.05	-	AM/R/1003	
Resmethrin	<0.01	mg / kg	0.2	-	AM/R/1003	
Rotenone	<0.01	mg / kg	0.02	-	AM/R/1003	
Silthiofam	<0.01	mg / kg	0.05	-	AM/R/1003	
Simazine	<0.01	mg / kg	0.05	-	AM/R/1003	
Spinetoram	<0.01	mg / kg	0.1	-	AM/R/1003	
Spinosad	<0.01	mg / kg	0.1	-	AM/R/1003	
Spirodiclofen	<0.01	mg / kg	0.05	-	AM/R/1003	
Spiromesifen	<0.01	mg / kg	50	-	AM/R/1003	
Spirotetramat (parent only)	<0.01	mg / kg	0.1	-	AM/R/1003	
Spiroxamine	<0.01	mg / kg	0.05	-	AM/R/1003	
tau-Fluvalinate	<0.01	mg / kg	0.01	-	AM/R/1003	
Tebuconazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Tebufenozide	<0.01	mg / kg	0.1	-	AM/R/1003	
Tebufenpyrad	<0.01	mg / kg	0.05	-	AM/R/1003	
Tebupirimfos	<0.01	mg / kg	-	-	AM/R/1003	
Tebuthiuron	<0.01	mg / kg	-	-	AM/R/1003	
Temephos	<0.01	mg / kg	-	-	AM/R/1003	
Terbufos	<0.01	mg / kg	0.01	-	AM/R/1003	
Terbufos sulfone	<0.01	mg / kg	-	-	AM/R/1003	
Terbufos sulfoxide	<0.01	mg / kg	-	-	AM/R/1003	
Terbuthylazine	<0.01	mg / kg	0.05	-	AM/R/1003	
Terbutryn	<0.01	mg / kg	-	-	AM/R/1003	
Tetraconazole	<0.01	mg / kg	0.02	-	AM/R/1003	
Tetramethrin	<0.01	mg / kg	-	-	AM/R/1003	
Thiacloprid	<0.01	mg / kg	10	-	AM/R/1003	
Thiamethoxam	<0.01	mg / kg	20	-	AM/R/1003	
Thiobencarb	<0.01	mg / kg	0.05	-	AM/R/1003	
Thiophanate-Methyl	<0.01	mg / kg	0.1	-	AM/R/1003	
Tolclofos-methyl	<0.01	mg / kg	0.05	-	AM/R/1003	



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Test	Result	Units	MRL	Rec. %	Method Number	Flag
<u>LCMS/MS Pesticide Screen</u>						
Triadimenol	<0.01	mg / kg	0.05	-	AM/R/1003	
Triadimefon	<0.01	mg / kg	0.05	-	AM/R/1003	
Triazophos	<0.01	mg / kg	0.02	-	AM/R/1003	
Trichlorfon	<0.01	mg / kg	0.05	-	AM/R/1003	
Tricyclazole	<0.01	mg / kg	0.05	-	AM/R/1003	
Tridemorph	<0.01	mg / kg	0.05	-	AM/R/1003	
Trietazine	<0.01	mg / kg	-	-	AM/R/1003	
Trifloxystrobin	<0.01	mg / kg	0.05	-	AM/R/1003	
Triflumizole	<0.01	mg / kg	0.1	-	AM/R/1003	
Triflumuron	<0.01	mg / kg	0.05	-	AM/R/1003	
Trimethacarb	<0.01	mg / kg	-	-	AM/R/1003	
Triticonazole	<0.01	mg / kg	0.02	-	AM/R/1003	
Uniconazole	<0.01	mg / kg	-	-	AM/R/1003	
Vamidothion	<0.01	mg / kg	-	-	AM/R/1003	
Vernolate	<0.01	mg / kg	-	-	AM/R/1003	
XMC (3,5-xylol methylcarbamate)	<0.01	mg / kg	-	-	AM/R/1003	
Zoxamide	<0.01	mg / kg	0.05	-	AM/R/1003	

Hannah Garvin

Section Head - Contaminants

For and on Behalf of ALS Laboratories (UK) Limited

Disclaimers:

MRL = EU 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.

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