

Analytical Report Nr. AR-19-JP-002348-01



Batch code EUJPTO-00006323

Date 06.08.2019

Aoi Seicha Co., Ltd.

Eurofins Food and Product Testing Japan KK
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JP1620055 Tokyo - JAPAN

Analytical Report

Sample code Nr.	257-2019-07000233	Sample reception date:	16.07.2019
		Analysed between:	23.07.2019 - 01.08.2019
Sample described as:	No:19-089 Company: Aoi Seicha Co.,Ltd. Item: Organic Matcha OD Lot No.: B9-0069 Quantity(kg):3595kg		

PESTICIDES

ResultsUnit

SP918 HR Pesticides Quechers-LC-MS/MS-XL-Tea (big) Method: DIN EN 15662 2018-06 mod., LC-MS/MS

Screened pesticides <LOQ

SP930 HR Pesticides Quechers GC-MS/MS Method: DIN EN 15662:2018-07 mod., GC-MS/MS

Screened pesticides <LOQ

List of screened molecules and not detected (* = limit of quantification)

SP918 HR Pesticides Quechers-LC-MS/MS-XL-Tea (big) (LOQ* mg/kg)

2,4-D	0.01	Bromuconazole, cis-	0.01	Cinidon-ethyl	0.02
3-Hydroxycarbofuran	0.02	Bromuconazole, trans-	0.01	Clefoxydim	0.02
6-Benzyladenine	0.02	Bupirimate	0.01	Clethodim	0.02
Abamectin	0.05	Buprofezin	0.02	Clofentezine	0.02
Acequinocyl	0.2	Butachlor	0.01	Clomazone	0.01
Acetamiprid	0.01	Butocarboxim	0.05	Clothianidin	0.02
Acetochlor	0.01	Butocarboxim-sulfoxide	0.02	Cyantraniliprole	0.01
Acibenzolar-s-methyl	0.02	Butoxycarboxim	0.02	Cyazofamid	0.01
Acrinathrin	0.02	Butylate	0.05	Cycloxydim	0.02
Aldicarb	0.02	Carbaryl	0.01	Cyenopyrafen	0.01
Aldicarb-sulfone	0.02	Carbendazim	0.01	Cyflumetofen	0.01
Aldicarb-sulfoxide	0.02	Carbendazim/Benomyl (sum)	0.01	Cymoxanil	0.02
Ametryn	0.01	Carbofuran	0.01	Cyproconazole	0.01
Aminocarb	0.01	Carbosulfan	0.05	Cyprodinil	0.02
Atrazine	0.01	Carfentrazone-ethyl	0.02	Dazomet	0.05
Azadirachtin	0.05	Carpropamid	0.01	Demeton-S-methyl	0.02
Azoxystrobin	0.01	Chlorantraniliprole	0.01	Demeton-S-methyl-sulfone	0.02
Benalaxyl	0.01	Chlorbromuron	0.02	Desmedipham	0.02
Bendiocarb	0.01	Chlorbufam	0.05	Diallate	0.05
Benfuracarb	0.02	Chlorfluazuron	0.01	Diazinon	0.01
Benoxacor	0.02	Chloridazone	0.02	Diethofencarb	0.01
Benthiavalicarb, isopropyl-	0.01	Chlorobenzuron	0.01	Diethyltoluamide	0.01
Benzovindiflupyr	0.01	Chlorotoluron	0.02	Difenoconazole	0.02
Bifenazate	0.02	Chloroxuron	0.05	Difenoconazole	0.01
Bioresmethrin	0.02	Chlorpropham	0.05	Diflubenzuron	0.02
Bitertanol	0.02	Chlorpyrifos (-ethyl)	0.05	Diflufenican	0.02
Boscalid	0.01	Chromafenozide	0.02	Dimefuron	0.01

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SP918	HR	Pesticides Quechers-LC-MS/MS-XL-Tea (big) (LOQ* mg/kg)				
Dimethenamid		0.01	Fosthiazate	0.02	Nitenpyram	0.1
Dimethoate		0.01	Fuberidazole	0.02	Novaluron	0.01
Dimethomorph		0.01	Furalaxyl	0.01	Nuarimol	0.05
Diniconazole		0.02	Furathiocarb	0.02	Omethoate	0.02
Dinotefuran		0.05	Halauxifen-methyl	0.01	Oxadiazon	0.01
Dinoterb		0.05	Hexaconazole	0.01	Oxadixyl	0.01
Dioxacarb		0.02	Hexaflumuron	0.01	Oxamyl	0.01
Diphenamid		0.01	Hexazinone	0.01	Oxycarboxin	0.01
Diphenylamine		0.05	Hexythiazox	0.02	Oxydemeton-methyl	0.02
Disulfoton-sulfoxide		0.01	Imazalil	0.05	Paclobutrazol	0.01
Diuron		0.02	Imibenconazole	0.01	Paraoxon-ethyl	0.01
Dodemorf		0.02	Imidacloprid	0.01	Penconazole	0.02
Emamectin		0.02	Indaziflam	0.01	Pencycuron	0.02
Epoxiconazole		0.01	Indoxacarb	0.01	Pendimethalin	0.02
Ethiofencarb		0.02	Iprodione	0.01	Penthiopyrad	0.01
Ethiofencarb-sulfone		0.02	Iprovalicarb	0.02	Phenmedipham	0.02
Ethiofencarb-sulfoxide		0.02	Isoprocarb	0.01	Phosmet	0.02
Ethiprole		0.01	Isoprothiolane	0.02	Phosphamidon	0.01
Ethirimol		0.01	Isoproturon	0.02	Phoxim	0.02
Ethofumesate		0.02	Isoxaflutole	0.02	Piperonyl butoxide	0.01
Ethoxyquin		0.05	Isoxaflutole-diketonitrile	0.01	Pirimicarb	0.01
Etofenprox		0.01	Isoxathion	0.01	Pirimicarb, desmethyl-	0.02
Etoxazole		0.01	Kresoxim-methyl	0.02	Pirimicarb, desmethyl-formamido-	0.02
Fenamiphos-sulfoxide		0.01	Linuron	0.02	Prallethrin	0.1
Fenarimol		0.02	Lufenuron	0.01	Pretilachlor	0.01
Fenazaquin		0.01	MCPA	0.01	Prochloraz	0.02
Fenbuconazole		0.02	MCPB	0.01	Procymidone	0.1
Fenbutatin oxide		0.1	Mefenacet	0.01	Promecarb	0.01
Fenchlorphos		0.1	Mepanipyrim	0.02	Prometryn	0.01
Fenhexamid		0.02	Mesotrione	0.05	Propamocarb	0.05
Fenobucarb		0.01	Metaflumizone	0.02	Propanil	0.01
Fenoxycarb		0.02	Metalaxyl	0.02	Propaquizafop	0.02
Fenpiclonil		0.01	Metamitron	0.05	Propargite	0.02
Fenpropimorph		0.02	Metazachlor	0.01	Propham	0.05
Fenpyroximate		0.02	Metconazole	0.01	Propiconazole	0.02
Fenthion-oxon		0.01	Methabenzthiazuron	0.02	Propoxur	0.02
Fenthion-oxon-sulfoxide		0.01	Methamidophos	0.02	Propoxycarbazon	0.05
Fenthion-sulfone		0.01	Methidathion	0.05	Propyzamide	0.02
Fenthion-sulfoxide		0.1	Methiocarb	0.02	Prosulfocarb	0.01
Fipronil		0.002	Methiocarb-sulfone	0.02	Pymetrozine	0.02
Fipronil, desulfinyl-		0.002	Methiocarb-sulfoxide	0.02	Pyraclostrobin	0.01
Fipronil-sulfide		0.002	Methomyl	0.02	Pyrethrins	0.1
Fipronil-sulfone		0.002	Methoxyfenozide	0.01	Pyribencarb	0.01
Flonicamid		0.05	Metolachlor	0.02	Pyridaben	0.01
Fluazinam		0.02	Metolcarb	0.01	Pyridafol	0.01
Flubendiamide		0.01	Metoxuron	0.01	Pyridate	0.02
Fludioxonil		0.01	Metribuzin	0.05	Pyrifluquinazon	0.02
Flufenacet		0.02	Milbemectin A3	0.5	Pyrimethanil	0.01
Flufenoxuron		0.02	Milbemectin A4	0.5	Pyrimidifen	0.01
Flufenzine		0.01	Molinate	0.01	Pyriproxyfen	0.02
Flupicolid		0.01	Monocrotophos	0.01	Pyroquilon	0.01
Flusilazole		0.02	Monolinuron	0.02	Quinalphos	0.01
Flutolanil		0.01	Monuron	0.02	Quinoxifen	0.05
Flutriafol		0.01	Myclobutanil	0.02	Resmethrin	0.05
FM-6-1		0.01	Naled	0.05	Rotenone	0.02
Forchlorfenuron		0.01	Napropamide	0.02	Sethoxydim	0.01
Formetanate		0.05	Neburon	0.05	Simazine	0.02

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SP918 HR Pesticides Quechers-LC-MS/MS-XL-Tea (big) (LOQ* mg/kg)

Simeconazole	0.05
Spinetoram	0.02
Spinosad	0.02
Spirodiclofen	0.02
Spiromesifen	0.01
Spirotetramat	0.01
Spirotetramat-enolglucoside	0.01
Spirotetramat-ketohydroxy	0.01
Spirotetramat-monohydroxy	0.01
Spiroxamine	0.02
Sulfentrazone	0.05
Sulfoxaflor	0.01
Tebuconazole	0.02
Tebufenozide	0.02
Tebufenpyrad	0.01
Teflubenzuron	0.02
Tepraloxydim	0.02
Terbacil	0.01
Terbutryn	0.01
Tetraconazole	0.01
Tetramethrin	0.01
Thiabendazole	0.02
Thiacloprid	0.02
Thiamethoxam	0.02
Thiobencarb	0.01
Thiocyclam	0.02
Thiodicarb	0.02
Thiofanox	0.05
Thiofanox-sulfone	0.02
Thiofanox-sulfoxide	0.02
Thiophanate-methyl	0.02
Tolclofos-methyl	0.02
Tolfenpyrad	0.01
Tralkoxydim	0.02
Triadimefon	0.01
Triadimenol	0.02
Trichlorfon	0.05
Tricyclazole	0.01
Tridemorph	0.1
Trifloxystrobin	0.02
Triflumizole	0.01
Triflumuron	0.01
Triforine	0.05
Triticonazole	0.01
TRITOSULFURON	0.01
XMC	0.05
Zoxamide	0.02

SP930 HR Pesticides Quechers GC-MS/MS (LOQ* mg/kg)

1,4-dimethylnaphthalene	0.01	Azinphos-methyl	0.02	Bromophos-methyl	0.01
2-Phenylhydroquinone	0.05	Benfluralin	0.01	Bromopropylate	0.01
2-Phenylphenol	0.01	Bifenox	0.01	Bromoxynil-octanoate	0.02
Acephate	0.02	Bifenthrin	0.01	Bromuconazole, cis-	0.01
Aclonifen	0.01	Biphenyl	0.01	Bromuconazole, trans-	0.01
Alachlor	0.01	Bromacil	0.01	Buprofezin	0.02
Aldrin	0.01	Bromfenvinphos	0.01	Butamifos	0.01
Anthraquinone	0.01	Bromocyclen	0.01	Butralin	0.01
Azinphos-ethyl	0.02	Bromophos-ethyl	0.01	Cadusaphos	0.02

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SP930 HR Pesticides Quechers GC-MS/MS (LOQ* mg/kg)

Carbaryl	0.02	Dimethylvinphos	0.01	Heptachlor	0.01
Carbophenothion	0.1	Dinobuton	0.01	Heptachlor epoxide, cis-	0.01
Carbophenothion-methyl	0.01	Dioxabenzofos	0.01	Heptachlor epoxide, trans-	0.01
Carboxin	0.01	Dioxathion	0.05	Heptenophos	0.01
Chinomethionate	0.01	Diphenylamine	0.01	Hexachlorobenzene (HCB)	0.01
Chlordane, cis-	0.01	Disulfoton	0.01	Hexaconazole	0.01
Chlordane, oxy-	0.01	Disulfoton-sulfon	0.01	Hexazinone	0.01
Chlordane, trans-	0.01	Ditalimfos	0.01	Indoxacarb	0.02
Chlorfenapyr	0.01	Edifenphos	0.01	Iodofenphos	0.01
Chlorfenson	0.01	Endosulfan sulphate	0.01	Ioxynil-octanoate	0.01
Chlorfenvinphos	0.01	Endosulfan, alpha-	0.01	Iprobenfos	0.01
Chlormephos	0.02	Endosulfan, beta-	0.01	Iprodione	0.01
Chlorobenzilate	0.01	Endrin	0.01	Isazophos	0.02
Chloroneb	0.02	Endrin ketone	0.01	Isobenzan	0.01
Chloropropylate	0.01	EPN	0.01	Isocarbofos	0.02
Chlorothalonil	0.01	Ethalfuralin	0.01	Isofenphos	0.01
Chlorpropham	0.01	Ethion	0.01	Isofenphos-methyl	0.01
Chlorpyrifos (-ethyl)	0.01	Ethoprophos	0.01	Isopropalin	0.01
Chlorpyrifos-methyl	0.01	Etofenprox	0.01	Kresoxim-methyl	0.01
Chlorthal-dimethyl	0.01	Etoxazole	0.01	Leptophos	0.01
Chlorthion	0.01	Etridiazole	0.01	Lindane (gamma-HCH)	0.01
Chlorthiophos	0.01	Etrimfos	0.01	Malaoxon	0.02
Chlozolate	0.01	Famoxadone	0.01	Malathion	0.02
Coumaphos	0.01	Fenamiphos	0.01	Mephosfolan	0.02
Crufomate	0.01	Fenamiphos-sulfone	0.02	Mepronil	0.05
Cyanofenphos	0.01	Fenazaquin	0.01	Metazachlor	0.01
Cyanophos	0.01	Fenchlorphos	0.01	Methacriphos	0.01
Cyfluthrin	0.01	Fenchlorphos oxon	0.01	Methamidophos	0.1
Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-)	0.01	Fenfluthrin	0.02	Methidathion	0.01
Cypermethrin	0.01	Fenitrothion	0.01	Methoxychlor, p,p'	0.01
Cyproconazole	0.01	Fenobucarb	0.02	Metrafenone	0.01
DDD, o,p-	0.01	Fenpropathrin	0.01	Metribuzin	0.01
DDD, p,p'-	0.01	Fenson	0.02	Mevinphos	0.01
DDE, o,p-	0.01	Fensulfotision	0.01	Mirex	0.01
DDE, p,p'-	0.01	Fensulfotision-oxon-sulfone	0.01	Monocrotophos	0.02
DDT, o,p'-	0.01	Fenthion	0.01	Myclobutanil	0.01
DDT, p,p'-	0.01	Fenthion-oxon-sulfone	0.01	N-Desethyl-pirimiphos-methyl	0.02
Deltamethrin	0.01	Fenvalerate (RR-/SS-Isomers)	0.01	Nitrapyrin	0.01
Demeton-O	0.01	Fenvalerate (RS-/SR-Isomers)	0.01	Nitrofen	0.01
Demeton-S	0.01	Fipronil	0.01	Nonachlor, trans-	0.01
Demeton-S-methyl	0.01	Fipronil, desulfinyl-	0.01	Omethoate	0.02
Demeton-S-methyl-sulfone	0.02	Fipronil-sulfone	0.01	Oxadiazon	0.01
Desmetryn	0.01	Fluchloralin	0.01	Oxyfluorfen	0.01
Dialifos	0.01	Flucythrinate	0.01	Paraoxon-ethyl	0.1
Diazinon	0.01	Flumetralin	0.02	Paraoxon-methyl	0.01
Dicapthon	0.01	Fluorodifen	0.01	Parathion	0.01
Dichlobenil	0.01	Fluquinconazole	0.01	Parathion-methyl	0.01
Dichlofenthion	0.01	Flusilazole	0.01	Pendimethalin	0.01
Dichlofluanid	0.1	Folpet	0.02	Pentachloranisole	0.01
Dichlorvos	0.01	Fonofos	0.02	Pentachloroaniline	0.01
Dicloran	0.01	Formothion	0.02	Pentachlorophenol	0.01
Dicofol, o,p-	0.04	Fosthiazate	0.01	Pentachlorothioanisole	0.01
Dicofol, p,p-	0.02	Halfenprox	0.01	Permethrin	0.01
Dicrotophos	0.01	HCH, alpha-	0.01	Phenkapton	0.02
Dieldrin	0.01	HCH, beta-	0.01	Phenothrin	0.01
Diflubenzuron	0.05	HCH, delta-	0.01	Phenthoate	0.01
Dimethoate	0.01	HCH, epsilon-	0.01	Phorate	0.02

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SP930	HR	Pesticides Quechers	GC-MS/MS (LOQ* mg/kg)	
Phorate-sulfone		0.02	Triazophos	0.01
Phorate-sulfoxide		0.02	Trichloronat	0.01
Phosalone		0.01	Triflumizole	0.01
Phosfolan		0.01	Trifluralin	0.01
Phosmet		0.01	Triticonazole	0.01
Phosphamidon		0.02	Vamidothion	0.02
Phospholan-methyl		0.01	Vinclozolin	0.01
Phthalimide (PI)		0.02		
Picoxystrobin		0.01		
Piperonyl butoxide		0.01		
Pirimiphos-ethyl		0.01		
Pirimiphos-methyl		0.01		
Plifenate		0.01		
Procymidone		0.01		
Profenofos		0.01		
Profluralin		0.01		
Prometryn		0.02		
Propaphos		0.01		
Propargite		0.05		
Propazine		0.01		
Propetamphos		0.02		
Propiconazole		0.01		
Proquinazid		0.01		
Prothiofos		0.01		
Prothoate		0.01		
Pyraclofos		0.01		
Pyrazophos		0.02		
Pyridaben		0.02		
Pyridalyl		0.01		
Pyridaphenthion		0.01		
Pyrifenox		0.02		
Pirimethanil		0.02		
Quinalphos		0.05		
Quintozene		0.01		
S 421		0.01		
Sebuthylazine		0.02		
Silafluofen		0.01		
Spirodiclofen		0.01		
Spiromesifen		0.01		
Sulfotep		0.01		
Sulprofos		0.01		
tau-Fluvalinate		0.01		
Tecnazene		0.01		
Tefluthrin		0.01		
TEPP		0.01		
Terbufos		0.01		
Terbufos-sulfone		0.01		
Terbuthylazine		0.01		
Terbutryn		0.1		
Tetrachlorvinphos		0.01		
Tetraconazole		0.01		
Tetradifon		0.01		
Tetrasul		0.01		
Thiometon		0.01		
Tolclofos-methyl		0.01		
Transfluthrin		0.02		
Triallate		0.01		

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The tests identified by the two letters code HR are performed in laboratory Eurofins Dr. Specht International GmbH.

LOQ indicates the Limit of quantification.



Takuichiro Omi
Analytical Service Manager

***** END OF REPORT *****