

Test Report 3824543

Date : 14-Mar-2018

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Client : Agrisen Food Co., Ltd.
35/14 Moo 6,
T.Banyang, A.Muang, Nakornpathom 73000 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Name : Chinese kale
 Sample No. : 3942710
 Sample Condition : Chilled sample is contained in a plastic bag tied with a knot.
 Qty.Submitted : 1 bag
 Sample Code/Reference : A-00-58
 Date Received : 6-Mar-2018 Date Commenced : 7-Mar-2018

Test Items	Method	LOD	LOQ	Results	Units
Pesticides Organochlorine	QuEChERS method Anatassiades ET AL.; Journal of AOAC International, Vol.86, No.2, 2003, p.412-431, GC/MS/MS	-	-		-
-Aldrin		0.003	0.008	Not detected	mg/kg
-alpha-BHC		0.003	0.008	Not detected	mg/kg
-alpha-Chlordane		0.003	0.008	Not detected	mg/kg
-beta-BHC		0.003	0.008	Not detected	mg/kg
-Delta-BHC		0.005	0.01	Not detected	mg/kg
-Dicofol		0.003	0.008	Not detected	mg/kg
-Dieldrin		0.003	0.008	Not detected	mg/kg
-Endosulfan I		0.003	0.008	Not detected	mg/kg
-Endosulfan II		0.003	0.008	Not detected	mg/kg
-Endosulfan sulphate		0.003	0.008	Not detected	mg/kg
-Endrin		0.003	0.008	Not detected	mg/kg
-Endrin ketone		0.003	0.008	Not detected	mg/kg
-gamma-BHC		0.003	0.008	Not detected	mg/kg
-gamma-Chlordane		0.003	0.008	Not detected	mg/kg
-HCB		0.003	0.008	Not detected	mg/kg
-Heptachlor		0.003	0.008	Not detected	mg/kg
-Heptachlor epoxid		0.003	0.008	Not detected	mg/kg
-Methoxychlor		0.003	0.008	Not detected	mg/kg
-Total DDT		0.003	0.008	Not detected	mg/kg
-Total Endrin		0.003	0.008	Not detected	mg/kg

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Test Items	Method	LOD	LOQ	Results	Units
Pesticides Organophosphate	QuEChERS method Anatassiades ET AL.; Journal of AOAC International, Vol.86, No.2, 2003, p.412-431, GC/MS/MS	-	-		-
-Acephate		0.003	0.008	Not detected	mg/kg
-Azinphos ethyl		0.003	0.008	Not detected	mg/kg
-Azinphos methyl		0.005	0.01	Not detected	mg/kg
-Bromophos ethyl		0.003	0.008	Not detected	mg/kg
-Bromophos methyl		0.003	0.008	Not detected	mg/kg
-Chlorfenvinphos		0.003	0.008	Not detected	mg/kg
-Chlorpyrifos		0.003	0.008	Not detected	mg/kg
-Chlorpyrifos methyl		0.003	0.008	Not detected	mg/kg
-Demeton-s-methyl		0.003	0.008	Not detected	mg/kg
-Diazinon		0.003	0.008	Not detected	mg/kg
-Dichlorvos		0.003	0.008	Not detected	mg/kg
-Dicrotophos		0.003	0.008	Not detected	mg/kg
-Dimethoate		0.005	0.01	Not detected	mg/kg
-Dimethylvinphos		0.003	0.008	Not detected	mg/kg
-Disulfoton		0.003	0.008	Not detected	mg/kg
-EPN		0.003	0.008	Not detected	mg/kg
-Ethion		0.003	0.008	Not detected	mg/kg
-Ethoprophos		0.003	0.008	Not detected	mg/kg
-Etrimphos		0.003	0.008	Not detected	mg/kg
-Fenitrothion		0.003	0.008	Not detected	mg/kg
-Fensulfothion		0.003	0.008	Not detected	mg/kg
-Fenthion		0.003	0.008	Not detected	mg/kg
-Isazofos		0.003	0.008	Not detected	mg/kg
-Isoxathion		0.01	0.02	Not detected	mg/kg
-Malathion		0.003	0.008	Not detected	mg/kg
-Methamidophos		0.003	0.008	Not detected	mg/kg
-Methidathion		0.003	0.008	Not detected	mg/kg
-Mevinphos		0.003	0.008	Not detected	mg/kg
-Monocrotophos		0.003	0.008	Not detected	mg/kg
-Omethoate		0.005	0.01	Not detected	mg/kg
-Parathion		0.003	0.008	Not detected	mg/kg
-Parathion methyl		0.003	0.008	Not detected	mg/kg
-Phenthoate		0.003	0.008	Not detected	mg/kg
-Phorate		0.003	0.008	Not detected	mg/kg
-Phosalone		0.003	0.008	Not detected	mg/kg

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Test Items	Method	LOD	LOQ	Results	Units	
-Phosmet	QuEChERS method Anatassiades ET AL.; Journal of AOAC International, Vol.86, No.2, 2003, p.412-431, GC/MS/MS	0.005	0.01	Not detected	mg/kg	
-Phosphamidon		0.003	0.008	Not detected	mg/kg	
-Pirimiphos ethyl		0.003	0.008	Not detected	mg/kg	
-Pirimiphos methyl		0.003	0.008	Not detected	mg/kg	
-Profenophos		0.005	0.01	Not detected	mg/kg	
-Prothiophos		0.003	0.008	Not detected	mg/kg	
-Quinalphos		0.003	0.008	Not detected	mg/kg	
-Triazophos		0.005	0.01	Not detected	mg/kg	
Pesticides Pyrethroid		-	-	-	-	-
-Bifenthrin		0.003	0.008	Not detected	mg/kg	
-Cyfluthrin		0.005	0.01	Not detected	mg/kg	
-Cyhalothrin-lambda		0.005	0.01	Not detected	mg/kg	
-Cypermethrin		0.005	0.01	Not detected	mg/kg	
-Deltamethrin		0.005	0.01	Not detected	mg/kg	
-Etofenprox		0.003	0.008	Not detected	mg/kg	
-Fenpropathrin		0.003	0.008	Not detected	mg/kg	
-Fenvalerate		0.003	0.008	Not detected	mg/kg	
-Flucythrinate	0.003	0.008	Not detected	mg/kg		
-Halfenprox	0.003	0.008	Not detected	mg/kg		
-Permethrin	0.003	0.008	Not detected	mg/kg		
-Phenothrin	0.005	0.01	Not detected	mg/kg		
-Tefluthrin	0.003	0.008	Not detected	mg/kg		
-Tua-Fluvalinate	0.005	0.01	Not detected	mg/kg		
Pesticides Residue Carbamate	In-house method SOP LBFD-10547 based on Steinwandter, H. 1985. Fresenius Z. Anal. Chem No. 1155, HPLC-MS-MS					
-Oxamyl		0.005	0.01	Not detected	mg/kg	
-Oxamyl - oxime		0.005	0.01	Not detected	mg/kg	
-Aldicarb		0.005	0.01	Not detected	mg/kg	
-Aldicarb - sulfone		0.005	0.01	Not detected	mg/kg	
-Aldicarb - sulfoxide		0.005	0.01	Not detected	mg/kg	
-Methomyl		0.005	0.01	Not detected	mg/kg	
-Bendiocarb	0.005	0.01	Not detected	mg/kg		

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Test Items	Method	LOD	LOQ	Results	Units
-Carbaryl		0.005	0.01	Not detected	mg/kg
-Metolcarb		0.005	0.01	Not detected	mg/kg
-Carbofuran		0.005	0.01	Not detected	mg/kg
-Carbofuran - 3 - Hydroxy		0.005	0.01	Not detected	mg/kg
-Baygon (Propoxur)		0.005	0.01	Not detected	mg/kg
-Methiocarb		0.005	0.01	Not detected	mg/kg
-Baycarb (Fenobucarb)		0.005	0.01	Not detected	mg/kg
-Isoprocab		0.005	0.01	Not detected	mg/kg
-*Promecarb		0.005	0.01	Not detected	mg/kg
-*Thiodicarb		0.005	0.01	Not detected	mg/kg

Remark : 1. LOD = "Limit of Detection"
 2. Less than = Lower than LOQ "Limit of Quantitation"
 3. Total DDT : Sum of p,p'-DDD,p,p'-DDE,o,p'-DDT and p,p'-DDT
 4. Total Endrin : Sum of Endrin and Endrin ketone

"Test(s) marked * on this Report are not included in the BLQS DMSc Accreditation Scope."

**Signed for and on behalf of
 SGS (Thailand) Limited**

**Napaporn Thongthang
 Acting - Multi Lab Manager**

***** End of Report *****

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