

Analytical Report

Sample Code **502-2018-00034596** Report date **04-Jul-2018**
Certificate No. **AR-18-SU-033473-03**

*This analytical report replaces the previous issued analytical report no.: AR-18-SU-033473-01



Hangzhou greensky biological tech. Co.,Ltd

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Our reference: 502-2018-00034596/ AR-18-SU-033473-03
Client Sample Code: GS20180625
Sample described as: Artichoke extract
Sample Packaging: Sealed plastic bag
Sample reception date: 26-Jun-2018
Analysis starting date: 26-Jun-2018
Analysis ending date: 04-Jul-2018

Arrival Temperature (°C) 24 Sample Weight 55g
Sample Type Powder

	Results	Unit	LOQ	LOD	Results on fresh product	Guidelines
SU301 Concentration factor						
Concentration factor	10					
SUS31 Pesticide Screening(GC) Method: Internal Method, GC-MS						
Screened pesticides	<LOQ	mg/kg				
SUS32 Pesticide Screening(LC) Method: BS EN 15662:2008						
Acetamiprid	0.470	mg/kg	0.01		0.047mg/kg	0.7
Carbendazim/Benomyl (sum)	0.169	mg/kg	0.01		0.017mg/kg	0.1
Imidacloprid	0.509	mg/kg	0.01		0.051mg/kg	0.5
Metalaxyl	0.014	mg/kg	0.01		0.001mg/kg	0.05
Myclobutanil	0.020	mg/kg	0.01		0.002mg/kg	0.5
Propamocarb	0.051	mg/kg	0.01		0.005mg/kg	0.01
Thiamethoxam	0.182	mg/kg	0.02		0.018mg/kg	0.5
Triadimenol	0.302	mg/kg	0.01		0.030mg/kg	0.7
Other screened pesticides	<LOQ	mg/kg				

COMMENT

The comment refers to the tested sample and relates only to the investigated parameters.

The analysed sample can be classified as processed food which is concentrated during processing according to article 20 of regulation (EC) 396/2005 (regulation on maximum residue levels in food and feed). Therefore the corresponding Maximum Residue Levels have to be calculated considering a concentration factor of 10.

Our comment is that analysed sample is in accordance with the requirements of regulation (EC) 396/2005 (regulation on maximum residue levels in food and feed) in its currently valid version.

We do not accept responsibility for decisions taken on the basis of our reports and comments.

List of screened molecules (* = limit of quantification)

SUS31 Pesticide Screening(GC) (LOQ* mg/kg)					
(a) 2-Phenylphenol (0.01)	(a) Acetochlor (0.02)	(a) Aldrin (0.02)	(a) Ametryne (0.02)	(a) Anthraquinone (0.01)	(a) Aramite (0.05)
(a) Atrazine (0.02)	(a) Bifenthrin (0.01)	(a) Biphenyl (0.02)	(a) Bromopropylate (0.02)	(a) Butachlor (0.01)	(a) Captan (0.05)
(a) Captan/THPI (Sum calculated as Captan) ()	(a) Chlordane (Sum) ()	(a) Chlordane, alpha (0.01)	(a) Chlordane, gamma (0.01)	(a) Chlorfenapyr (0.05)	(a) Chlorfenvinphos (0.02)
(a) Chlorothalonil (0.02)	(a) Chlorpyrifos-methyl (0.01)	(a) Chlorthal-dimethyl (0.01)	(a) Cyanophos (0.04)	(a) Cyfluthrin (0.05)	(a) Cyhalothrin lambda- (0.02)
(a) Cypermethrin (0.05)	(a) DDD, o,p'- (0.01)	(a) DDD, p,p'- (0.01)	(a) DDE, o,p'- (0.01)	(a) DDE, p,p'- (0.01)	(a) DDT (Sum) ()
(a) DDT, o,p'- (0.01)	(a) DDT, p,p'- (0.01)	(a) Deltamethrin (0.06)	(a) Dichlofluanid (0.02)	(a) Dicloran (0.05)	(a) Dichlorobenzophenone o,p' (0.02)
(a) Dichlorobenzophenone p,p' (0.02)	(a) Dichlorvos (0.05)	(a) Dicofof (Sum) ()	(a) Dicofof, o,p'- (0.02)	(a) Dicofof, p,p'- (0.02)	(a) Dieldrin (0.02)
(a) Dieldrin (Sum) ()	(a) Diphenylamine (0.02)	(a) Endosulfan (Sum) ()	(a) Endosulfan, alpha- (0.05)	(a) Endosulfan, beta- (0.05)	(a) Endosulfan, sulfat- (0.02)

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SUS31 Pesticide Screening(GC) (LOQ* mg/kg)			
(a) Endrin (0.04)	(a) EPN (0.05)	(a) Ethion (0.04)	(a) Etrifos (0.02)
(a) Fenitrothion (0.04)	(a) Fenpropathrin (0.04)	(a) Fenvalerate & Esfenvalerate (Sum of RS&SR Isomers) (0.04)	(a) Fenvalerate & Esfenvalerate(sum of RR,SS,RS,SR) ()
(a) Fluvalinate-tau (0.02)	(a) Folpet (0.05)	(a) Folpet/PI (Sum calculated as Folpet) ()	(a) Fonofos (0.04)
(a) HCH, alpha- (0.02)	(a) HCH, beta- (0.02)	(a) HCH, delta- (0.02)	(a) HCH, epsilon- (0.02)
(a) Heptachlor epoxide cis (0.01)	(a) Heptachlor epoxide trans (0.02)	(a) Heptenophos (0.02)	(a) Iprobenfos (0.05)
(a) Isofenphos (0.04)	(a) Isofenphos-methyl (0.01)	(a) Isoprothiolane (0.02)	(a) Kresoxim-methyl (0.01)
(a) Methidathion (0.04)	(a) Methoxychlor (0.05)	(a) Mirex (0.01)	(a) Malaixon (0.05)
(a) Paclobutrazol (0.04)	(a) Parathion (0.06)	(a) Parathion-methyl (0.04)	(a) Parathion-methyl (Sum) ()
(a) Phenthoate (0.04)	(a) Phorate (0.04)	(a) Phthalimid (PI) (0.05)	(a) Pirimiphos-ethyl (0.01)
(a) Prometryn (0.02)	(a) Propanil (0.02)	(a) Pyrazophos (0.02)	(a) Pyridaphenthion (0.02)
(a) Quinalphos (0.02)	(a) Quintozene (0.02)	(a) Quintozene (Sum) ()	(a) Tebufenpyrad (0.02)
(a) Terbufos (0.02)	(a) Tetrachlorvinphos (0.02)	(a) Tetradifon (0.02)	(a) Tetrahydrophthalimide (THPI) (0.05)
(a) Vinclozolin (0.02)			
SUS32 Pesticide Screening(LC) (LOQ* mg/kg)			
(a) 3-Hydroxycarbofuran (0.01)	(a) Abamectin (Sum) ()	(a) Acephate (0.05)	(a) Acetamiprid (0.01)
(a) Aldicarb (Sum) ()	(a) Aldicarb-sulfone (0.01)	(a) Aldicarb-sulfoxide (0.05)	(a) Amitraz (0.01)
(a) Azinphos-methyl (0.05)	(a) Azoxystrobin (0.01)	(a) Benalaxyl (0.01)	(a) Bendiocarb (0.01)
(a) Bentazone (0.01)	(a) Bitertanol (0.01)	(a) Boscalid (0.01)	(a) Bupirimate (0.01)
(a) Carbendazim/Benomyl (sum) (0.01)	(a) Carbofuran (0.01)	(a) Carbofuran (Sum) ()	(a) Carbosulfan (0.01)
(a) Chlorobenzuron (0.01)	(a) Chlorpyrifos (-ethyl) (0.01)	(a) Chromafenozide (0.05)	(a) Clethodim (0.01)
(a) Cymoxanil (0.02)	(a) Cyproconazole (0.01)	(a) Cyromazine (0.05)	(a) Demeton-S-methyl (0.01)
(a) Diethofencarb (0.01)	(a) Difenoconazole (0.01)	(a) Diflubenzuron (0.01)	(a) Diflufenican (0.01)
(a) Diniconazole (0.02)	(a) Dinotefuran (0.05)	(a) Epoxiconazole (0.01)	(a) Etofenprox (0.01)
(a) Fenarimol (0.01)	(a) Fenazaquin (0.01)	(a) Fenhexamid (0.01)	(a) Fenobucarb (0.01)
(a) Fipronil (sum) ()	(a) Fipronil-sulfide (0.01)	(a) Fipronil-sulfone (0.01)	(a) Fluaizfop-P-butyl (0.01)
(a) FM-6-1 (0.01)	(a) Formetanate (0.05)	(a) Hexaconazole (0.01)	(a) Hexythiazox (0.01)
(a) Indoxacarb (0.02)	(a) Iprodione (0.01)	(a) Iprovalicarb (0.01)	(a) Isoprocacarb (0.01)
(a) Metalaxyl (0.01)	(a) Methamidophos (0.02)	(a) Methomyl (0.01)	(a) Metolachlor (0.01)
(a) Napropamide (0.01)	(a) Neburon (0.01)	(a) Omethoate (0.01)	(a) Oxadixyl (0.01)
(a) Paraoxon-methyl (0.01)	(a) Penconazole (0.01)	(a) Pendimethalin (0.01)	(a) Phorate (Sum) ()
(a) Phosalone (0.01)	(a) Phosmet (0.01)	(a) Phoxim (0.01)	(a) Piperonyl butoxide (0.01)
(a) Prochloraz (0.01)	(a) Propamocarb (0.01)	(a) Propargite (0.01)	(a) Propham (0.01)
(a) Propyzamide (0.01)	(a) Pyrethrins (0.01)	(a) Pyridaben (0.01)	(a) Quinoxifen (0.01)
(a) Tebuconazole (0.01)	(a) Tebufenozide (0.01)	(a) Tetraconazole (0.01)	(a) Thiabendazole (0.01)
(a) Thiophanate-methyl (0.01)	(a) Tolclofos-methyl (0.01)	(a) Triadimenol (0.01)	(a) Trichlorfon (0.01)
(a) Triflumizole (0.01)	(a) Zoxamide (0.01)		

SIGNATURE



Claire Wang
Authorized Signatory

EXPLANATORY NOTE

LOQ: Limit of Quantification

< LOQ: Below Limit of Quantification

N/A means Not applicable

Sum compounds results are calculated from the results of each quantified compound as set by regulation

In column "Guidelines", "/" means : "the default guideline value, 0.01 mg/kg, applies"

In column "Guidelines", "-" means : the individual compound guideline value is subjected to guideline value of summed compounds

The result(s) relate(s) only to the item (s) tested.

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