

Analytical Report

Sample Code	128-2018-00011810	Report date	17-Jul-2018
Certificate No.	AR-18-VV-011540-02		

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Zhengzhou Harmoni Spice, Co., Ltd.

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Our reference:	128-2018-00011810/ AR-18-VV-011540-02		
Client Sample Code:	2017-2018		
Sample described as:	Garlic2017-2018		
Sample Packaging:	Sealed plastic bag		
Sample reception date:	08-Jul-2018		
Analysis starting date:	08-Jul-2018		
Analysis ending date:	11-Jul-2018		
Arrival Temperature (°C)	27.1	Sample Weight	390g

	Results	Unit	LOQ	LOD
★ SU311 Pesticides Quechers Method: BS EN 15662:2008 Screened pesticides	Not Detected	mg/kg		
★ SU312 Pesticides Quechers Method: EN 15662:2008; BS EN 15662:2008 Screened pesticides	Not Detected	mg/kg		

List of screened molecules (* = limit of quantification)

SU311 Pesticides Quechers (LOQ* mg/kg)				
2-Phenylphenol (0.01)	Acetochlor (0.01)	Aclonifen (0.01)	Aldrin (0.01)	Ametryne (0.01)
Aramite (0.04)	Atrazine (0.01)	Benfluralin (0.01)	Bifenox (0.05)	Bifenthrin (0.01)
Bromfeninfos (0.01)	Bromophos (0.01)	Bromophos-ethyl (0.01)	Bromopropylate (0.01)	Butachlor (0.01)
Cadusafos (0.01)	Captafol (0.05)	Captan (0.01)	Captan/THPI (Sum calculated as Captan) (0.01)	Carbophenothion (0.01)
Carboxin (0.01)	Chlorbenside (0.01)	Chlordane (Sum) (0.01)	Chlordane, alpha (0.01)	Chlorfenapyr (0.01)
Chlorfenson (0.02)	Chlorfenvinphos (0.01)	Chlormephos (0.02)	Chlorobenzilate (0.01)	Chloroneb (0.01)
Chlorothalonil (0.01)	Chlorpyrifos (0.01)	Chlorpyrifos-methyl (0.01)	Chlorthal-dimethyl (0.01)	Chlorothion (0.02)
Crufomate (0.02)	Cyanazine (0.02)	Cyanofenphos (0.01)	Cyanophos (0.02)	Cyfluthrin (0.02)
Cypermethrin (0.02)	Cyphenothrin (0.01)	DDD, o,p'- (0.01)	DDD, p,p'- (0.01)	DDE, o,p'- (0.01)
DDT (Sum) (0.01)	DDT, o,p'- (0.01)	DDT, p,p'- (0.01)	Deltamethrin (0.02)	Dichlobenil (0.02)
Dichlofluanid (0.01)	Dicloran (0.01)	Dichlorobenzophenone o,p' (0.01)	Dichlorobenzophenone p,p' (0.01)	Dichlorvos (0.01)
Dicofol, o,p'- (0.01)	Dicofol, p,p'- (0.01)	Dieldrin (0.01)	Dieldrin (Sum) (0.01)	Dienochlor (0.02)
Dioxabenzofos (0.02)	Dioxathion (0.02)	Diphenylamine (0.01)	Edifenphos (0.01)	Endosulfan (Sum) (0.01)
Endosulfan, beta- (0.01)	Endosulfan, sulfat- (0.01)	Endrin (0.01)	EPN (0.02)	Ethalfuralin (0.01)
Etridiazole (0.01)	Etrifimos (0.01)	Famoxadone (0.01)	Fenamiphos (0.01)	Fenchlorphos (sum) (0.01)
Fenchlorphos oxon (0.01)	Fenfluthrin (0.01)	Fenitrothion (0.01)	Fenpropathrin (0.01)	Fenson (0.01)
Fenvalerate & Esfenvalerate (Sum of RS&SR Isomers) (0.01)	Fenvalerate & Esfenvalerate (sum of RR,SS,RS,SR) (0.01)	Fenvalerate & Esfenvalerate (Sum of RR&SS Isomers) (0.01)	Fluchloralin (0.02)	Flucythrinate (0.01)
Flumioxazin (0.01)	Fluotrimazole (0.01)	Fluquinconazole (0.01)	Fluvalinate-tau (0.01)	Folpet (0.01)
Fonofos (0.01)	Formothion (0.02)	Halfenprox (0.01)	HCB (0.01)	Folpet/PI (Sum calculated as Folpet) (0.01)
HCH, alpha- (0.01)	HCH, beta- (0.01)	HCH, delta- (0.01)	HCH, epsilon- (0.01)	HCH gamma (Lindan) (0.01)
Heptachlor epoxide cis (0.01)	Heptachlor epoxide trans (0.01)	Heptenphos (0.01)	Iprobenfos (0.01)	Heptachlor (Sum) (0.01)
Isodrin (0.01)	Isofenphos (0.01)	Isofenphos-methyl (0.01)	Isoprothiolane (0.01)	Isocarbofthos (0.01)
Landrin (0.01)	Malaoxon (0.01)	Malathion (Sum) (0.01)	Mecarbam (0.01)	Jodfenphos (0.01)
Methidathion (0.01)	Methoxychlor (0.01)	Methyl-Pentachlorophenylsulfide (0.01)	Metribuzin (0.01)	Meproil (0.02)
N-Desethyl-pirimiphos-methyl (0.01)	Nitrapyrin (0.01)	Nitrofen (0.01)	Nitrothal-isopropyl (0.01)	Mevinphos (0.01)
Oxadiazon (0.01)	Oxychlorane (0.01)	Oxyfluorfen (0.01)	Paclobutrazol (0.01)	Octachlorodipropyl ether (S-421) (0.01)
PCB 101 (0.01)	PCB 118 (0.01)	PCB 138 (0.01)	PCB 153 (0.01)	Parathion (0.02)
PCB 52 (0.01)	Pentachloroaniline (0.01)	Pentachloroanisole (0.01)	Pentachlorobenzene (0.01)	Parathion-methyl (0.02)
Phenothrin (0.01)	Phenthoate (0.01)	Phorate (0.01)	Phosphamidon (0.01)	PCB 28 (0.01)
Piperophos (0.01)	Pirimiphos-ethyl (0.01)	Procydonone (0.01)	Profenofos (0.01)	Phenkapton (0.02)
Propanil (0.01)	Propazine (0.01)	Prothiofos (0.01)	Pyrzophos (0.01)	Picoxystrobin (0.01)
Pyrifenox (0.01)	Pyrimethanil (0.01)	Quinalphos (0.01)	Quintozene (0.01)	Profuralin (0.01)
Silthiofam (0.01)	Tebufenpyrad (0.01)	Tecnazene (0.01)	Tefluthrin (0.01)	Pyridalyl (0.01)
Tetradifon (0.01)	Tetramethrin (0.01)	Tetrasul (0.01)	Tetrahydrothallimide (THPI) (0.01)	Quizalofop-P-ethyl (0.01)
Triazamate (0.01)	Triazophos (0.01)	Trichloronat (0.01)	Trifluralin (0.01)	Terbufos (0.01)
Vinclozolin (0.01)				Tolyfluanid (0.01)
				Triticonazole (0.01)
				Uniconazole (0.02)

SU312 Pesticides Quechers (LOQ* mg/kg)



SU312 Pesticides Quechers (LOQ* mg/kg)					
2,4'-Formoxylidid (Amitraz Metabolite) (0.01)	3,4,5-Trimethacarb (0.01)	3-Hydroxycarbofuran (0.01)	4-CPA (0.01)	Abamectin (Sum) ()	Acephate (0.01)
Acetamidrid (0.01)	Acibenzolar-s-methyl (0.01)	Acifluorfen (0.01)	Acrinathrin (0.01)	Alachlor (0.01)	Aldicarb (0.01)
Aldicarb (Sum) ()	Aldicarb-sulfone (0.01)	Aldicarb-sulfoxide (0.01)	Amitraz (sum) ()	Amitraz (0.01)	Asulam (0.01)
Avermectin B1a (0.01)	Avermectin B1b (0.01)	Azimsulfuron (0.01)	Azinphos-ethyl (0.01)	Azinphos-methyl (0.01)	Azoxystrobin (0.01)
Benalaxyl (0.01)	Bendiocarb (0.01)	Benoxacor (0.01)	Bensulfuron methyl (0.01)	Bentazone (0.01)	Bifentanol (0.01)
Boscalid (0.01)	Bromoxynil (0.01)	Bromuconazole (Sum) ()	Bromuconazole, cis- (0.01)	Bromuconazole, trans- (0.01)	Bupirimate (0.01)
Buprofezin (0.01)	Butocarboxim (0.05)	Butocarboxim (Sum) ()	Butocarboxim-sulfoxide (0.01)	Butoxyacarbim (0.01)	Carbaryl (0.01)
Carbendazim/Benomyl (sum) (0.005)	Carbofuran (0.01)	Carbofuran (Sum) ()	Carbosulfan (0.01)	Carfentrazone-ethyl (0.01)	Chlorantraniliprole (0.01)
Chlorfluazuron (0.01)	Chlorobenzuron (0.01)	Chlorpropham (0.01)	Chlorpyrifos (-ethyl) (0.01)	Chlorpyrifos-methyl (0.01)	Chromafenozide (0.01)
Clethodim (0.01)	Clofentezine (0.01)	Clomazone (0.01)	Clothianidin (0.01)	Cyazofamid (0.01)	Cymoxanil (0.01)
Cyproconazole (0.01)	Cyprodinil (0.01)	Cyromazine (0.01)	Demeton-S-methyl (0.01)	Demeton-S-methyl-sulfone (0.01)	Diazinon (0.01)
Diethofencarb (0.01)	Diethyl-m-toluamid (DEET) (0.01)	Difenoconazole (0.01)	Diffubenzuron (0.01)	Diffufenican (0.01)	Dimepiperate (0.01)
Dimethachlor (0.01)	Dimethoate (0.01)	Dimethomorph (0.01)	Diniconazole (0.01)	Dinocap (0.01)	Dinotefuran (0.01)
Disulfoton (0.05)	Disulfoton sulfoxide (0.01)	Disulfoton-PS-sulfone (0.01)	Diuron (0.01)	Emamectin B1a (0.01)	Emamectin B1b (0.01)
Epoxiconazole (0.01)	Ethiofencarb (0.01)	Ethiofencarb (Sum) ()	Ethiofencarb-sulfone (0.01)	Ethiofencarb-sulfoxide (0.01)	Etofenprox (0.01)
Ethoprophos (0.01)	Ethoxyquin (0.01)	Fenarimol (0.01)	Fenazaquin (0.01)	Fenbuconazole (0.01)	Fenhexamid (0.01)
Fenobucarb (0.01)	Fenoxycarb (0.01)	Fenpropimorph (0.01)	Fenpyroximate (0.01)	Fensulfthion (0.01)	Fensulfthion-oxon-sulfone (0.01)
Fensulfthion-PS-sulfone (0.01)	Fenthion (0.01)	Fenthion (sum) ()	Fenthion-oxon (0.01)	Fenthion-oxon-sulfone (0.01)	Fenthion-oxon-sulfoxide (0.01)
Fenthion-PS-sulfoxide (0.01)	Fenthion-sulfone (0.01)	Fipronil (0.005)	Fipronil (sum) ()	Fipronil-sulfide (0.01)	Fipronil-sulfone (0.01)
Fluazifop-P-butyl (0.01)	Fluazinam (0.01)	Fludioxonil (0.01)	Flufenoxuron (0.01)	Fluopicolide (0.01)	Flusilazole (0.01)
Flutolanil (0.01)	FM-6-1 (0.01)	Fomesafen (0.01)	Forchlorfenuron (0.01)	Formetanate (0.01)	Fosthiazate (0.01)
Furathiocarb (0.01)	Hexaconazole (0.01)	Hexaflumuron (0.01)	Hexythiazox (0.01)	Imazalil (0.01)	Imibenconazole (0.01)
Imidacloprid (0.01)	Indoxacarb (0.01)	Iodosulfuron methyl (0.01)	Iprodione (0.01)	Iprovalicarb (0.01)	Isoprocarb (0.01)
Isoproturon (0.01)	Linuron (0.01)	Lufenuron (0.01)	Malathion (0.01)	Malathion (Sum) ()	Mepanipyrim (0.01)
Metaxyl (0.01)	Metamitron (0.01)	Methamidophos (0.01)	Methidathion (0.01)	Methiocarb (0.01)	Methiocarb (Sum) ()
Methiocarb-sulfone (0.01)	Methiocarb sulfoxide (0.01)	Methomyl (0.01)	Methoxyfenozide (0.01)	Metolachlor (0.01)	Metolcarb (0.01)
Monocrotophos (0.01)	Myclobutanil (0.01)	Napropamide (0.01)	Neburon (0.01)	Nicosulfuron (0.01)	Nitenpyram (0.01)
Novaluron (0.01)	Nuarimol (0.01)	Omethoate (0.01)	Oxadixyl (0.01)	Oxamyl (0.01)	Oxamyl-oxime (0.01)
Oxydemeton-methyl (0.01)	Oxydemeton-methyl (sum) ()	Paraoxon (0.01)	Paraoxon-methyl (0.01)	Penconazole (0.01)	Pencycuron (0.01)
Pendimethalin (0.01)	Phorate (Sum) ()	Phorate Sulfoxide (0.01)	Phorate-sulfone (0.01)	Phosalone (0.01)	Phosmet (0.01)
Phoxim (0.01)	Piperonyl butoxide (0.01)	Pirimicarb (0.01)	Pirimicarb-desmethyl (0.01)	Pirimicarb-Desmethylformamido (0.01)	Pirimiphos-methyl (0.01)
Primisulfuron-Methyl (0.01)	Prochloraz (0.01)	Procymidone (0.01)	Promecarb (0.01)	Propamocarb (0.01)	Propargite (0.01)
Propham (0.01)	Propiconazole (0.01)	Propoxur (0.01)	Propoxycarbazone (0.01)	Propyzamide (0.01)	Prosulfocarb (0.01)
Prosulfuron (0.01)	Pymetrozine (0.01)	Pyraclostrobin (0.01)	Chloridazon (0.01)	Pyrethrins (0.01)	Pyridaben (0.01)
Pyrimethanil (0.01)	Pyriproxyfen (0.01)	Quinoxifen (0.01)	Resmethrin (0.01)	Rimsulfuron (0.01)	Rotenone (0.01)
Sethoxydim (0.01)	Simazine (0.01)	Simeconazole (0.01)	Spinosad (0.01)	Spinosyn A (0.01)	Spinosyn D (0.01)
Spirodiclofen (0.01)	Spiromesifen (0.01)	Spiroxamine (0.01)	Tebuconazole (0.01)	Tebufenozide (0.01)	Tebufenpyrad (0.01)
Teflubenzuron (0.01)	Tepraloxymid (0.01)	Tetraconazole (0.01)	Thiabendazole (0.01)	Thiacloprid (0.01)	Thiamethoxam (0.01)
Thifensulfuron methyl (0.01)	Thiodicarb (0.01)	Thiofanox sulfone (0.01)	Thiofanox sulfoxide (0.01)	Thiophanate-methyl (0.01)	Tolclofos-methyl (0.01)
Tralkoxydim (0.01)	Triadimefon (0.01)	Triadimenol (0.01)	Triasulfuron (0.01)	Triasulfuron methyl (0.01)	Tribenuron-methyl (0.01)
Trichlorfon (0.01)	Tridemorph (0.01)	Trifloxystrobin (0.01)	Trifloxysulfuron (0.01)	Triflumizol/FM-6-1 (Sum) ()	Triflumizole (0.01)
Triflurumuron (0.01)	Trifluthiol (0.01)	Vamidothion (0.01)	Vamidothion-sulfone (0.01)	Vamidothion-sulfoxide (0.01)	Zoxamide (0.01)

SIGNATURE



Kevin Fu
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

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