Analytical Report

Sample Code	**128-2022-00031523**	**Report date**	**14-Jun-2022**
Certificate No.	**AR-22-VV-030601-01**		

Zhengzhou Harmoni International Spice CO.,LTD

No.123 Guandu Str., Zhongmou,
Zhengzhou, Henan Province, P.R.China

Our reference:	128-2022-00031523/ AR-22-VV-030601-01
Client Sample Code:	2021-2022C
Sample described as:	Garlic
Sample Packaging:	Sealed plastic bag
Sample reception date:	11-Jun-2022
Analysis Starting Date:	11-Jun-2022
Analysis Ending Date:	14-Jun-2022
Arrival Temperature (°C)	25.9
Sample Weight	420g
Sample Type	Solid

		Results	Unit	LOQ	LOD
VV161	Pesticide Screening(GC) Method: BS EN 15662:2018				
	Screened pesticides	**<LOQ**	mg/kg		
VV162	Pesticide Screening(LC) Method: BS EN 15662:2018				
	Screened pesticides	**<LOQ**	mg/kg		

List of screened molecules (* = limit of quantification)

VV161 Pesticide Screening(GC) (236 parameters)(LOQ* mg/kg)

2,2',4,5,5'-Pentachlorobiphenyl (0.01)	2,2',5,5'-Tetrachlorobiphenyl (0.01)	2,3',4,4',5-Pentachlorobiphenyl (0.01)	2,4,4'-Trichlorobiphenyl (0.01)	2,4-Dichlorobenzophenone (0.01)	2-Phenylphenol (0.01)
3,5-Dichloroaniline (0.05)	Aclonifen (0.05)	Acrinathrin (0.01)	Alachlor (0.01)	Aldrin (0.01)	Aldrin/ Dieldrin (Sum) ()
Allidochlor (0.01)	Ametryn (0.01)	Aminocarb (0.01)	Anthraquinone (0.01)	Aspon (0.01)	Atrazine-desethyl (0.01)
Benalaxyl including other mixtures of constituent (0.01)	Benfluralin (0.01)	Benoxacor (0.01)	Bifenox (0.05)	Bifenthrin (0.01)	Biphenyl (0.01)
Bromophos-ethyl (0.01)	Bromophos-methyl (0.01)	Bromopropylate (0.01)	Butachlor (0.01)	Butafenacil (0.01)	Butamifos (0.01)
Cadusafos (0.01)	Carbophenothion (0.01)	Carboxin (0.01)	Chlorbenside (0.01)	Chlorbufam (0.05)	Chlordane(Sum of cis, trans-Chlordane) ()
Chlordane, cis- (0.01)	Chlordane, trans- (0.01)	Chlorfenapyr (0.01)	Chlorfenson (0.01)	Chlorfenvinphos (0.01)	Chlormephos (0.01)
Chlorobenzilate (0.01)	Chloroneb (0.01)	Chloropropylate (0.01)	Chlorpyrifos (-ethyl) (0.01)	Chlorpyrifos-methyl (0.01)	Chlorthal-dimethyl(DCPA) (0.01)
Chlorthiophos (0.01)	Chlozolinate (0.01)	Clomazone (0.01)	Clomeprop (0.01)	Crimidine (0.01)	Cyanofenphos (0.01)
Cyanophos (0.01)	Cycloate (0.01)	Cyfluthrin (0.01)	Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-) (0.01)	Cypermethrin (sum of isomers) (0.01)	Cyprazine (0.01)
Cyproconazole (0.01)	Cyprodinil (0.01)	DDD, p,p'- (0.01)	DDE, p,p'- (0.01)	DDT (sum) ()	DDT, o,p'- (0.01)
DDT, p,p'- (0.01)	Deltamethrin (0.05)	Desmetryn (0.01)	Diazinon (0.01)	Dichlobenil (0.01)	Dichlofenthion (0.01)
Dichlormid (0.01)	Dichlorobenzophenone, p,p- (0.01)	Diclofop-methyl (0.01)	Dicloran (0.01)	Dicofol (sum) ()	Dicofol, o,p- (0.01)
Dicofol, p,p- (0.01)	Dieldrin (0.01)	Diethyltoluamide(DEET) (0.01)	Dimethametryn (0.01)	Dimethylvinphos (0.01)	Diofenolan (0.01)
Diphenylamine (0.05)	Dipropetryn (0.01)	Disulfoton (0.01)	Ditalimfos (0.01)	Edifenphos (0.05)	Endosulfan (Sum) ()
Endosulfan sulphate (0.01)	Endosulfan, alpha- (0.01)	Endosulfan, beta- (0.01)	Endrin (0.01)	EPN (0.01)	EPTC (0.01)
Etaconazole (0.01)	Ethalfluralin (0.01)	Ethion (0.01)	Ethoprophos (0.01)	Etofenprox (0.01)	Etridiazole (0.01)
Etrimfos (0.01)	Fenarimol (0.01)	Fenazaquin (0.01)	Fenbuconazole (sum of constituent enantiomers) (0.01)	Fenchlorphos (0.01)	Fenchlorphos oxon (0.01)
Fenfluthrin (0.01)	Fenitrothion (0.01)	Fenpropathrin (0.01)	Fenpropimorph (0.01)	Fenson (0.01)	Fenthion (0.01)
Fenthion (sum) ()	Fenvalerate (0.01)	Flamprop-isopropyl (0.01)	Fluchloralin (0.01)	Flucythrinate (0.01)	Flumetralin (0.01)
Fluorodifen (0.05)	Fluotrimazole (0.01)	Fluquinconazole (0.01)	Flusilazole (0.01)	Fluvalinate (sum of isomers) (0.01)	Fonofos (0.01)
Formothion (0.01)	Furmecyclox (0.01)	HCH (sum of α, β, γ-,δ-HCH) ()	HCH, alpha- (0.01)	HCH, beta- (0.01)	HCH, delta- (0.01)
Heptachlor (0.01)	Heptachlor (sum) ()	Heptachlor epoxide, cis- (0.01)	Heptachlor epoxide, trans- (0.01)	Heptenophos (0.01)	Hexachlorobenzene (HCB) (0.01)
Hexazinone (0.01)	Iodofenphos (0.01)	Iprodione (0.01)	Isazophos (0.01)	Isocarbofos (0.01)	Isodrin (0.01)
Isofenphos (0.01)	Isofenphos-methyl (0.01)	Isopropalin (0.01)	Isoxathion (0.01)	Leptophos (0.01)	Lindane (gamma-HCH) (0.01)
Mepronil (0.01)	Metconazole (0.01)	Methacrifos (0.01)	Methoxychlor (0.01)	Metribuzin (0.01)	Mirex (0.01)
Myclobutanil (sum of constituent isomers) (0.01)	Napropamide (0.01)	Nitrapyrin (0.01)	Nitrofen (0.01)	Nitrothal-isopropyl (0.01)	Nuarimol (0.01)
o,p'-DDD (0.01)	o,p'-DDE (0.01)	Ofurace (0.01)	Oxyfluorfen (0.01)	Paclobutrazol (0.01)	Parathion-ethyl (0.01)
Parathion-methyl (0.01)	Penconazole (sum of constituent isomers) (0.01)	Pendimethalin (0.01)	Pentachloranisole (0.01)	Pentachloroaniline (0.01)	Pentachlorobenzene (0.01)
Pentachlorothioanisole (0.01)	Permethrin (sum of isomers) (0.01)	Phenothrin (0.01)	Phenthoate (0.01)	Phorate (0.01)	Phorate (sum) ()
Picoxystrobin (0.01)	Piperonyl butoxide (0.01)	Piperophos (0.01)	Pirimiphos-ethyl (0.01)	Pirimiphos-methyl (0.01)	Procymidone (0.01)
Profenofos (0.01)	Profluralin (0.01)	Prometryn (0.01)	Propachlor (0.01)	Propazine (0.01)	Propetamphos (0.01)
Propham (0.01)	Propiconazole (sum of isomers) (0.01)	propisochlor (0.01)	Propyzamide (0.01)	Prosulfocarb (0.01)	Pyrazophos (0.01)
Quinalphos (0.01)	Quintozene (0.01)	Quintozene (sum) ()	S 421 (0.01)	Sebuthylazine (0.01)	Secbumeton (0.01)

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Silafluofen (0.01)	Sulfallate (Vegedex) (0.01)	Sulfotep (0.01)	Sulprofos (0.01)	Tebutam (0.01)	Tebuthiuron (0.01)
Tecnazene (0.01)	Tefluthrin (0.01)	Terbacil (0.05)	Terbufos (0.01)	Terbufos (sum) ()	Terbumeton (0.01)
Terbuthylazine (0.01)	Terbutryn (0.01)	Tetrachlorvinphos (0.01)	Tetraconazole (0.01)	Tetradifon (0.01)	Tetramethrin (0.01)
Tetrasul (0.01)	Thiometon (0.01)	Thionazin (0.01)	Tolclofos-methyl (0.01)	Transfluthrin (0.01)	Triadimefon (0.01)
Triazophos (0.01)	Trichloronat (0.01)	Trietazine (0.01)	Trifloxystrobin (0.01)	Trifluralin (0.01)	Triticonazole (0.01)
Uniconazole (0.01)	Vinclozolin (0.01)				

VV162 Pesticide Screening(LC) (329 parameters)(LOQ* mg/kg)

3-Hydroxycarbofuran (0.01)	Abamectin (0.05)	Acephate (0.01)	Acetamiprid (0.01)	Acetochlor (0.01)	Acibenzolar-s-methyl (0.01)
Aldicarb (0.01)	Aldicarb (sum) ()	Aldicarb-sulfone (0.01)	Aldicarb-sulfoxide (0.01)	Ametoctradin (0.01)	Amidosulfuron (0.01)
Amisulbrom (0.05)	Anilofos (0.01)	Aramite (0.01)	Asulam (0.01)	Atrazine (0.01)	Azaconazole (0.01)
Azamethiphos (0.01)	Azinphos-ethyl (0.01)	Azinphos-methyl (0.01)	Azoxystrobin (0.01)	Barban (0.01)	Bendiocarb (0.01)
Benfuracarb (0.01)	Bensulfuron methyl (0.01)	Benzoximate (0.01)	Bifenazate (0.01)	Bioresmethrin (0.01)	Bitertanol (0.01)
Boscalid (0.01)	Bromacil (0.01)	Bromfenvinphos (0.01)	Bromuconazole (0.01)	Bupirimate (0.01)	Buprofezin (0.01)
Butoxycarboxim (0.01)	Butralin (0.01)	Buturon (0.01)	Butylate (0.01)	Carbaryl (0.01)	Carbendazim/Benomyl (sum) (0.005)
Carbetamide (0.01)	Carbofuran (0.002)	Carbofuran (sum) ()	Carbosulfan (0.01)	Carfentrazone-ethyl (0.01)	Chlorantraniliprole (0.01)
Chlorbromuron (0.01)	Chlordimeform (0.01)	Chlorfluazuron (0.01)	Chloridazone (0.01)	Chlorimuron-Ethyl (0.05)	Chlorobenzuron (0.01)
Chlorotoluron (0.01)	Chloroxuron (0.01)	Chlorpropham (0.01)	Chlorsulfuron (0.01)	Chromafenozide (0.01)	Cinidon-ethyl (0.01)
Cinosulfuron (0.01)	Clethodim (0.01)	Clethodim (sum) ()	Clethodim sulfone (0.01)	Clethodim sulfoxide (0.01)	Clodinafop-propargyl (0.01)
Clofentezine (0.01)	Clothianidin (0.01)	Coumaphos (0.01)	Crufomate (0.01)	Cyanazine (0.01)	Cyantraniliprole (0.01)
Cyazofamid (0.01)	Cyclosulfamuron (0.01)	Cycloxydim (0.01)	Cyflufenamid (0.01)	Cyflumetofen (0.01)	Cymoxanil (0.01)
Cyromazine (0.01)	Dazomet (0.01)	Demeton (0.01)	Demeton-S-methyl (0.01)	Demeton-S-methyl-sulfone (0.01)	Diafenthiuron (0.01)
Diallate (0.01)	Dichlorvos (0.01)	Diclobutrazol (0.01)	Dicrotophos (0.01)	Diethofencarb (0.01)	Diethyl aminoethyl hexanoate (0.01)
Difenoconazole (0.01)	Difenoxuron (0.01)	Diflubenzuron (0.01)	Diflufenican (0.01)	Dimepiperate (0.01)	Dimethachlor (0.01)
Dimethenamid including other mixtures of constitue (0.01)	Dimethoate (0.01)	Dimethomorph (0.01)	Dimoxystrobin (0.01)	Diniconazole (0.01)	Dinotefuran (0.01)
Dioxathion (0.01)	Diphenamid (0.01)	Disulfoton-sulfon (0.01)	Disulfoton-sulfoxide (0.01)	Diuron (0.01)	Emamectin, benzoate- (0.01)
Enestroburin (0.01)	Epoxiconazole (0.01)	Ethiofencarb (0.01)	Ethiprole (0.01)	Ethirimol (0.01)	Ethofumesate (0.01)
Ethoxyquin (0.01)	Ethoxysulfuron (0.01)	Etoxazole (0.01)	Famoxadone (0.05)	Fenamidone (0.01)	Fenaminstrobin (0.01)
Fenamiphos (0.01)	Fenamiphos-sulfone (0.01)	Fenamiphos-sulfoxide (0.01)	Fenhexamid (0.01)	Fenobucarb (0.01)	Fenothiocarb (0.01)
Fenoxanil (0.01)	Fenoxycarb (0.01)	Fenpiclonil (0.01)	Fenpropidin (0.01)	Fenpyroximate (0.01)	Fensulfothion (0.01)
Fensulfothion-oxon (0.01)	Fensulfothion-oxon-sulfone (0.01)	Fensulfothion-sulfone (0.01)	Fenthion-oxon (0.01)	Fenthion-sulfone (0.01)	Fenthion-sulfoxide (0.01)
Fipronil (0.005)	Fipronil (sum) ()	Fipronil Desulfinyl (0.01)	Fipronil-sulfide (0.01)	Fipronil-sulfone (0.01)	Flamprop-methyl (0.01)
Flonicamid (0.01)	Florasulam (0.01)	Fluazifop-P-butyl (0.01)	Flubendiamide (0.01)	Flucetosulfuron (0.05)	Fludioxonil (0.01)
Flufenacet (0.01)	Flufenoxuron (0.01)	Flumetsulam (0.01)	Flumioxazin (0.01)	Flumorph (0.01)	Fluometuron (0.01)
Fluoroglycofen-ethyl (0.01)	Fluridone (0.01)	Fluroxypyr-Methylheptyl (0.01)	Flurtamone (0.01)	Fluthiacet-methyl (0.01)	Flutolanil (0.01)
Flutriafol (0.01)	Fluxapyroxad (0.01)	Forchlorfenuron (0.01)	Formetanate hydrochloride (0.01)	Fosthiazate (0.01)	Furathiocarb (0.01)
Halosulfuron-methyl (0.01)	Hexaconazole (0.01)	Hexythiazox (0.01)	Imazalil (any ratio of constituent isomers) (0.01)	Imazaquin (0.01)	Imibenconazole (0.01)
Imidacloprid (0.01)	Imidaclothiz (0.01)	Indoxacarb (sum, R+S isomers) (0.01)	Iprobenfos (0.01)	Iprovalicarb (0.01)	Isoprocarb (0.01)
Isoprothiolane (0.01)	Isoproturon (0.01)	Isoxaben (0.01)	Isoxaflutole (0.01)	Kresoxim-methyl (0.01)	Lenacil (0.01)
Linuron (0.01)	Lufenuron (0.01)	Malaoxon (0.01)	Malathion (0.01)	Malathion/Malaoxon (sum as expressed Malathion) ()	Mandipropamid (any ratio of constituent isomers) (0.01)
Mecarbam (0.01)	Mefenacet (0.01)	Mepanipyrim (0.01)	Mephosfolan (0.01)	Mesosulfuron-methyl (0.01)	Metabenzthiazuron (0.01)
Metalaxyl (0.01)	Metamifop (0.01)	Metamitron (0.01)	Metazachlor (0.01)	Methamidophos (0.01)	Methidathion (0.01)
Methiocarb (0.01)	Methiocarb-sulfone (0.01)	Methiocarb-sulfoxide (0.01)	Methomyl (0.01)	Methoxyfenozide (0.01)	Metolachlor (0.01)
Metolcarb (0.01)	Metosulam (0.01)	Metoxuron (0.01)	Metsulfuron-methyl (0.01)	Mevinphos (0.01)	Molinate (0.01)
Monocrotophos (0.01)	Monolinuron (0.01)	Monosulfuron (0.01)	Monuron (0.01)	Neburon (0.01)	Nicosulfuron (0.01)
Nitenpyram (0.01)	Norflurazon (0.01)	Norflurazon desmethyl (0.01)	Novaluron (0.01)	Omethoate (0.01)	Oxadiargyl (0.01)
Oxadiazon (0.01)	Oxadixyl (0.01)	Oxamyl (0.01)	Oxaziclomefone (0.01)	Oxycarboxin (0.01)	Oxydemeton-methyl (0.01)
Oxydemeton-methyl (sum) ()	Paraoxon-ethyl (0.01)	Paraoxon-methyl (0.01)	Pebulate (0.01)	Pencycuron (0.01)	Penflufen (0.01)
Penoxsulam (0.01)	Phenamacril (0.01)	Phenmedipham (0.01)	Phorate-sulfone (0.01)	Phorate-sulfoxide (0.01)	Phosalone (0.01)
Phosfolan (0.01)	Phosmet (0.01)	Phosphamidon (0.01)	Phospholan-methyl (0.01)	Phoxim (0.01)	Picolinafen (0.01)
Pirimicarb (0.01)	Pretilachlor (0.01)	Primisulfuron-methyl (0.01)	Probenazole (0.01)	Prochloraz (0.01)	Promecarb (0.01)
Prometon (0.01)	Propamocarb (Sum of propamocarb and its salts, exp (0.01)	Propanil (0.01)	Propargite (0.01)	Propoxur (0.01)	Prosulfuron (0.01)
Prothiofos (0.01)	Pymetrozine (0.01)	Pyraclostrobin (0.01)	Pyraflufen-ethyl (0.01)	PYRAZOSULFURON-ETHYL (0.01)	Pyrethrins (0.01)
Pyridaben (0.01)	Pyridaphenthion (0.01)	Pyrifenox (0.01)	PYRIFTALID (0.01)	Pyrimethanil (0.01)	Pyriproxyfen (0.01)
Quinoxyfen (0.01)	Quizalofop ethyl (0.01)	Quizalofop-P-ethyl (0.01)	Resmethrin (0.01)	Rotenone (0.01)	Saflufenacil (0.02)
Sethoxydim (0.01)	Simazine (0.01)	Simeconazole (0.01)	Simetryn (0.01)	Spinosad (Sum) ()	Spinosyn A (0.01)
Spinosyn D (0.01)	Spirodiclofen (0.01)	Spirotetramat (0.01)	Spiroxamine (0.01)	Sulfentrazone (0.01)	Tebuconazole (0.01)
Tebufenozide (0.01)	Tebufenpyrad (0.01)	TEPP (0.01)	Tepraloxydim (0.01)	Terbufos-sulfone (0.01)	Terbufos-sulfoxide (0.01)
Thiabendazole (0.01)	Thiacloprid (0.01)	Thiamethoxam (0.01)	Thidiazuron (0.01)	Thiencarbazone-methyl (0.01)	Thifensulfuron methyl (0.01)
Thifluzamide (0.01)	Thiobencarb (0.01)	Thiodicarb (0.01)	Thiofanox-sulfone (0.01)	Thiophanate-methyl (0.01)	Tolfenpyrad (0.01)
Triadimenol (0.01)	Triadimenol/Triadimefon (sum) ()	Triallate (0.01)	Triasulfuron (0.01)	Tribenuron-methyl (0.01)	Trichlorfon (0.01)
Tricyclazole (0.01)	Tridemorph (0.01)	Trifloxysulfuron-sodium (0.01)	Triflumizole (0.01)	Triflumuron (0.01)	Triflusulfuron-methyl (0.01)
Trinexapac-ethyl (0.01)	Tritosulfuron (0.01)	Vamidothion (0.01)	XMC (0.01)	Zoxamide (0.01)	

SIGNATURE

张发玲

Lisa Zhang
Authorized Signatory

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