

Analytical Report

Sample Code	128-2023-00042227	Report date	28-Jun-2023
Certificate No.	AR-23-VV-042243-01		



Zhengzhou Harmoni International Spice CO.,LTD

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

Sample Code:	128-2023-00042227		
Client Sample Code:	2022-2023C		
Sample described as:	Garlic		
Sample Packaging:	Sealed plastic bag		
Sample reception date:	26-Jun-2023		
Analysis Starting Date:	26-Jun-2023		
Analysis Ending Date:	28-Jun-2023		
Arrival Temperature (°C)	23.2	Sample Weight	510g
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

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)	Antraquinone (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)	Deltamethrin (0.05)	Desmetyrn (0.01)	Diazinon (0.01)	Dichlobenil (0.01)
Dichlofenthiol (0.01)	Dichlofenthiol (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)	Ethalfuralin (0.01)	Ethion (0.01)	Ethoprophos (0.01)	Etofenprox (0.01)
Etridiazole (0.01)	Etrinfos (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)	Flucloralin (0.01)	Fluocythrinat (0.01)
Flumetralin (0.01)	Fluorodifen (0.01)	Fluotrimazole (0.01)	Fluquinconazole (0.01)	Flusilazole (0.01)	Fluvalinate (sum of isomers) (0.01)
Fonofos (0.01)	Formothion (0.01)	Furmecyclox (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)
Isazofos (0.01)	Isocarbofos (0.01)	Isodrin (0.01)	Isofenphos (0.01)	Isofenphos-methyl (0.01)	Isopropanil (0.01)
Isoxathion (0.01)	Leptophos (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 (0.01)	Parathion-methyl (0.01)	Penconazole (sum of constituent isomers) (0.01)	Pendimethalin (0.01)	Pentachloroaniline (0.01)
Pentachloroanisole (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)	Propam (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)	Silafluofen (0.01)	Sulfallate (VegeDex) (0.01)	Sulfotep (0.01)	Sulprofos (0.01)
Tebutam (0.01)	Tebuthiuron (0.01)	Tecnazene (0.01)	Terfluthrin (0.01)	Terbacil (0.05)	Terbufos (0.01)
Terbufos (sum) ()	Terbumeton (0.01)	Terbutylazine (0.01)	Terbutryn (0.01)	Tetrachlorvinphos (0.01)	Tetraconazole (0.01)

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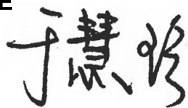


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Tetradifon (0.01)	Tetramethrin (0.01)	Tetrasul (0.01)	Thiometon (0.01)	Thionazin (0.01)	Tolclofos-methyl (0.01)
Transfluthrin (0.01)	Triadimefon (0.01)	Triazophos (0.01)	Trichloronat (0.01)	Trietazine (0.01)	Trifloxystrobin (0.01)
Trifluralin (0.01)	Triticonazole (0.01)	Uniconazole (0.01)	Vinclozolin (0.01)	HCH, alpha- (0.01)	HCH, beta- (0.01)
HCH, delta- (0.01)	Lindane (gamma-HCH) (0.01)	HCH (sum of α , β , γ -HCH) ()	DDT, o,p'- (0.01)	DDE, p,p'- (0.01)	DDD, p,p'- (0.01)
DDT, p,p'- (0.01)	DDT (sum) ()				
VV162 Pesticide Screening(LC) (330 parameters)(LOQ* mg/kg)					
3-Hydroxycarbofuran (0.01)	Abamectin (Sum) (0.05)	Acephate (0.01)	Acetamidiprid (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)
Azamectin (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)	Benzovindiflupyr (0.01)	Benzoximate (0.01)	Bifenazate (0.01)	Bioresmethrin (0.01)
Bitertanol (0.01)	Boscalid (0.01)	Bromacil (0.01)	Bromfeninphos (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)	Chlorfluzuron (0.01)	Chloridazon (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 sulfone (0.01)
Clodinafop-propargyl (0.01)	Clofentezine (0.01)	Clothianidin (0.01)	Coumaphos (0.01)	Cruformate (0.01)	Cyanazine (0.01)
Cyrantraniliprole (0.01)	Cyazofamid (0.01)	Cyclosulfamuron (0.01)	Cyoxodim (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)
Diaphenthuron (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)	Diffubenzuron (0.01)	Diflufenican (0.01)	Dimepiperate (0.01)
Dimethachlor (0.01)	Dimethenamid including other mixtures of constitute (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)	Epoiconazole (0.01)	Ethiofencarb (0.01)	Ethiprole (0.01)	Ethirimol (0.01)
Ethofumesate (0.01)	Ethoxysulfuron (0.01)	Etoxadole (0.01)	Famoxadone (0.05)	Fenamidon (0.01)	Fenaminstrobin (0.01)
Fenamiphos (0.01)	Fenamiphos (sum) ()	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 Desulfiny (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)
Flumeturon (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)	Fosfiazate (0.01)
Furathiocarb (0.01)	Halosulfuron-methyl (0.01)	Hexaconazole (0.01)	Hexythiazox (any ratio of constituent isomers) (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)	Mephosolan (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)
Oxadiazyl (0.01)	Oxadiazon (0.01)	Oxadixyl (0.01)	Oxamyl (0.01)	Oxaziclonofone (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)	Phenamcricil (0.01)	Phenmedipham (0.01)	Phorate-sulfone (0.01)	Phorate-sulfoxide (0.01)
Phosalone (0.01)	Phosfolan (0.01)	Phosmet (0.005)	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 (0.005)
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)	Pyrifenoxy (0.01)	PYRIFITALID (0.01)	Pyrimethanil (0.01)
Pyriproxyfen (0.01)	Quinoxifen (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)	TEPP (0.01)	Terbufos-sulfone (0.01)
Terbufos-sulfoxide (0.01)	Thiabendazole (0.01)	Thiacloprid (0.01)	Thiamethoxam (0.01)	Thidiazuron (0.01)	Thiocarbazon-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)
Triflusaluron-methyl (0.01)	Trinexapac-ethyl (0.01)	Tritosulfuron (0.01)	Vamidotion (0.01)	XMC (0.01)	Zoxamide (0.01)

SIGNATURE



Janney Yu

Authorized Signatory



EXPLANATORY NOTE

Not Detected means the result is less than LOD

LOQ: Limit of Quantification

< LOQ: Below Limit of Quantification

N/A means Not applicable

☆ means the test is subcontracted within Eurofins group

⊗ means the test is subcontracted outside Eurofins group

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

The uncertainty has not been taken into account for standards that already include measurement uncertainty or on explicit request of client.

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END OF REPORT



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