



## Analytical Report

Sample Code	502-2020-00114493	Report date	28-Dec-2020
Certificate No.	AR-20-SU-093278-01		



**Xi'an Nature Choice Co.,Ltd**

Rm.10802,9Building,  
Wangxiqu,Shifeng Jiangxihuadu,  
YanhuanRoad,Xi'an ,China

**Our reference:** 502-2020-00114493/ AR-20-SU-093278-01  
**Client Sample Code:** ZT-2012-HQ-001  
**Sample described as:** Organic Astragalus root powder  
**Sample Packaging:** Plastic bag  
**Sample reception date:** 24-Dec-2020  
**Analysis Starting Date:** 25-Dec-2020  
**Analysis Ending Date:** 28-Dec-2020

Arrival Temperature (°C)	19.0	Sample Weight	180g
Sample Type	Solid		

		Results	Unit	LOQ	LOD
# SUS17	Pesticide Screening(LC) Method: BS EN 15662:2018	<LOQ	mg/kg		
	Screened pesticides				
# SUS11	Pesticide Screening(GC) Method: BS EN 12393:2013	<LOQ	mg/kg		
	Screened pesticides				

### List of screened molecules (\* = limit of quantification)

SUS11	Pesticide Screening(GC) (208 parameters)(LOQ* mg/kg)				
△ 2-Phenylphenol (0.01)	△ Acetochlor (0.02)	△ Aclonifen (0.05)	△ Aldrin (0.02)	△ Ametryne (0.02)	△ Anthraquinone (0.01)
△ Aramite (0.05)	△ Atrazine (0.02)	△ Benfluralin (0.02)	△ Bifenox (0.05)	△ Bifenthrin (0.01)	△ Biphenyl (0.02)
△ Bromfenvinfos (0.05)	△ Bromophos (0.05)	△ Bromophos-ethyl (0.05)	△ Bromopropylate (0.02)	△ Butachlor (0.01)	△ Butafenacil (0.02)
△ Cadusafos (0.04)	△ Captofol (0.05)	△ Captan (0.05)	△ Captan/THPI (Sum calculated as Captan) ()	△ Carbophenothion (0.05)	△ Carbophenothion-methyl (0.05)
△ Chlorsulfuron (0.04)	△ Chlordan (Sum) ()	△ Chlordane, alpha (0.01)	△ Chlordane, gamma (0.01)	△ Chlorfenapyr (0.05)	△ Chlorgenson (0.05)
△ Chlorfenvinphos (0.02)	△ Chlormephos (0.05)	△ Chlorobenzilate (0.01)	△ Chloroneb (0.05)	△ Chloropropylate (0.01)	△ Chlorothalonil (0.02)
△ Chlorpyrifos-methyl (0.01)	△ Chlorthal-dimethyl (0.01)	△ Chlorthion (0.05)	△ Chlozolinate (0.02)	△ Crufomate (0.02)	△ Cyanazine (0.04)
△ Cyanophenphos (0.02)	△ Cyanophos (0.04)	△ Cyfluthrin (0.05)	△ Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-) (0.02)	△ Cypermethrin (0.05)	△ Cyphenothrin (0.05)
△ DDD, o,p'- (0.01)	△ DDD, p,p'- (0.01)	△ DDE, o,p'- (0.01)	△ DDE, p,p'- (0.01)	△ DDT (Sum) ()	△ DDT, o,p'- (0.01)
△ DDT, p,p'- (0.01)	△ Deltamethrin (0.06)	△ Dichlobenil (0.05)	△ Dichlofenthion (0.02)	△ Dichlofuanid (0.02)	△ Dichlorobenzophenone o,p' (0.02)
△ Dichlorobenzophenone p,p' (0.02)	△ Dichlorvos (0.05)	△ Dicloran (0.05)	△ Dicofol (Sum) ()	△ Dicofol, o,p'- (0.02)	△ Dicofol, p,p'- (0.02)
△ Dieldrin (0.02)	△ Dieldrin (Sum) ()	△ Dienochlor (0.05)	△ Dinobuton (0.05)	△ Dioxabenzofos (0.05)	△ Dioxathion (0.05)
△ Diphenylamine (0.02)	△ Edifenphos (0.02)	△ Endosulfan (Sum) ()	△ Endosulfan, alpha- (0.05)	△ Endosulfan, sulfat- (0.02)	
△ Endrin (0.04)	△ EPN (0.05)	△ Ethalfuralin (0.01)	△ Ethion (0.04)	△ Etridiazole (0.04)	△ Etrinilos (0.02)
△ Famoxadone (0.04)	△ Fenamiphos (0.05)	△ Fenchlorphos (0.02)	△ Fenchlorphos (sum) ()	△ Fenchlorphos oxon (0.01)	△ Fenfluthrin (0.02)
△ Fenitrothion (0.04)	△ Fenpropatrin (0.03)	△ Fenson (0.05)	△ Fenvalerate & Esfenvalerate (Sum of RR,SS,RS,SR Isomers) (0.04)	△ Fenvalerate & Esfenvalerate (Sum of RR,SS,RS,SR Isomers) (0.04)	△ Fenvalerate & Esfenvalerate (Sum of RR,SS,RS,SR Isomers) (0.04)
△ Fluchloralin (0.02)	△ Flucythrinate (0.05)	△ Flumetralin (0.05)	△ Flumioxazin (0.05)	△ Fluotrimazole (0.05)	△ Fluquinconazole (0.04)
△ Flualinate-tau (0.02)	△ Folpet (0.05)	△ Folpet/PI (Sum calculated as Folpet) ()	△ Fonofos (0.04)	△ Formothion (0.06)	△ Halifenprox (0.02)
△ HCB (0.01)	△ HCH gamma(Lindan) (0.02)	△ HCH, alpha- (0.02)	△ HCH, beta- (0.02)	△ HCH, delta- (0.02)	△ HCH, epsilon- (0.02)
△ Heptachlor (0.01)	△ Heptachlor (Sum) ()	△ Heptachlor epoxide cis (0.01)	△ Heptachlor epoxide trans (0.02)	△ Heptenophos (0.02)	△ Iprobenfos (0.05)
△ Isazofos (0.04)	△ Isocarbophos (0.04)	△ Isodrin (0.04)	△ Isofenphos (0.04)	△ Isofenphos-methyl (0.01)	△ Isoprothiolane (0.02)
△ Jodifenphos (0.05)	△ Kresoxim-methyl (0.01)	△ Landrin (0.05)	△ Malaoxon (0.05)	△ Malathion (Sum) ()	△ Mecarbam (0.04)
△ Mepronil (0.04)	△ Methacrifos (0.02)	△ Methidathion (0.04)	△ Methoxychlor (0.05)	△ Methyl-Pentachlorophenylsulfide (0.01)	△ Metribuzin (0.04)
△ Mevinphos (0.02)	△ Mirex (0.01)	△ N-Desethyl-pirimiphos-methyl (0.01)	△ Nitrapyrin (0.05)	△ Nitrofen (0.02)	△ Nitrothal-isopropyl (0.02)
△ Octachlorodipropyl ether (S-421) (0.02)	△ Ofurace (0.04)	△ Oxadiazon (0.02)	△ Oxychlordane (0.05)	△ Oxyfluorfen (0.02)	△ Paclobutrazol (0.04)
△ Parathion (0.06)	△ Parathion-methyl (0.04)	△ Parathion-methyl (Sum) ()	△ PCB 101 (0.01)	△ PCB 118 (0.01)	△ PCB 138 (0.01)
△ PCB 153 (0.01)	△ PCB 180 (0.01)	△ PCB 28 (0.01)	△ PCB 52 (0.01)	△ Pentachloroaniline (0.02)	△ Pentachloroanisole (0.01)
△ Pentachlorobenzene (0.01)	△ Permethrin (0.04)	△ Phenothrin (0.04)	△ Phenthione (0.04)	△ Phorate (0.04)	△ Phosphamidon (0.04)

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△ Phthalimide (PI) (0.05)	△ Picoxytrobion (0.04)	△ Piperophos (0.05)	△ Pirimiphos-ethyl (0.01)	△ Procymidone (0.01)	△ Profenofos (0.02)
△ Profluralin (0.02)	△ Prometryn (0.02)	△ Propanil (0.02)	△ Propazine (0.02)	△ Prothioflos (0.05)	△ Pyrazophos (0.02)
△ Pyridalyl (0.04)	△ Pyridaphenthion (0.02)	△ Pyrifenoxy (0.04)	△ Pyrimethanil (0.01)	△ Quinalphos (0.02)	△ Quintozene (0.02)
△ Quintozene (Sum) ()	△ Quinalopop-P-ethyl (0.04)	△ Silafluofen (0.02)	△ Siltuthiomate (0.02)	△ Tebufenpyrad (0.02)	△ Tecnazene (0.02)
△ Tefluthrin (0.02)	△ Terbufos (0.02)	△ Tetrachlorvinphos (0.02)	△ Tetradifon (0.02)	△ Tetrahydrophthalimide (THPI) (0.05)	△ Tetramethrin (0.01)
△ Tetrasul (0.02)	△ Tolyfluanid (0.04)	△ Triallate (0.04)	△ Triazamate (0.04)	△ Triazophos (0.02)	△ Trichloronat (0.02)
△ Trifluralin (0.02)	△ Triticonazole (0.04)	△ Unionconazole (0.02)	△ Vinclozolin (0.02)		
<b>SUS17</b>	<b>Pesticide Screening(LC) (338 parameters)(LOQ* mg/kg)</b>				
△ Phosfolan-methyl (0.02)	△ 2,4'-Formoxylidid (Amitraz Metabolite) (0.01)	△ 3,4,5-Trimethacarb (0.01)	△ 3-Hydroxycarbafuran (0.01)	△ 4-CPA (0.01)	△ Abamectin (Sum) ()
△ Acephate (0.05)	△ Acetamiprid (0.01)	△ Acibenzolar-s-methyl (0.01)	△ Acifluorfen (0.01)	△ Acrinathrin (0.01)	△ Alachlor (0.05)
△ Aldicarb (0.05)	△ Aldicarb (Sum) ()	△ Aldicarb-sulfoxide (0.01)	△ Aldicarb-sulfoxide (0.05)	△ Ametocrodrin (0.01)	△ Aminocarb (0.01)
△ Amitraz (0.01)	△ Amitraz (sum) ()	△ Asulam (0.05)	△ Avermectin B1a (0.01)	△ Avermectin B1b (0.01)	△ Azaconazole (0.01)
△ Azamethiphos (0.01)	△ Azimsulfuron (0.01)	△ Azinphos-ethyl (0.05)	△ Azinphos-methyl (0.05)	△ Azoxystrobin (0.01)	△ Barban (0.05)
△ Benalaxyly including other mixtures of constituent (0.01)	△ Bendiocarb (0.01)	△ Benfuracarb (0.01)	△ Benoxacor (0.01)	△ Bensulfuron methyl (0.01)	△ Bentazon (0.01)
△ Bifenazate (0.01)	△ Bioresmethrin (0.01)	△ Bitertanol (0.01)	△ Boscalid (0.01)	△ Bromacil (0.01)	△ Bromoxynil (0.01)
△ Bromuconazole, cis- (0.01)	△ Bromuconazole, trans- (0.01)	△ Bromuconazole (Sum) ()	△ Bupirimate (0.01)	△ Buprofezin (0.01)	△ Butocarboxim (0.05)
△ Butocarboxim-sulfoxide (0.01)	△ Butoxycarboxim (0.01)	△ Butylate (0.05)	△ Carbaryl (0.01)	△ Carbendazim (0.01)	△ Carbendazim/Benomyl (sum) (0.01)
△ Carbetamide (0.01)	△ Carbofuran (0.01)	△ Carbofuran (sum) ()	△ Carbosulfan (0.01)	△ Carfentrazone-ethyl (0.01)	△ Chlorantraniliprole (0.01)
△ Chlorflauzuron (0.01)	△ Chloridazon (0.01)	△ Chlorobenzuron (0.01)	△ Chloroxuron (0.01)	△ Chlorpropham (0.01)	△ Chlorypyrifos (-ethyl) (0.01)
△ Chlorthiophos (0.01)	△ Chromafenozide (0.05)	△ Cinidon-ethyl (0.01)	△ Clethodim (0.01)	△ Clodinafop-propargyl (0.01)	△ Clofentezine (0.01)
△ Clomazone (0.01)	△ Clothianidin (0.01)	△ Coumaphos (0.01)	△ Cyazofamid (0.01)	△ Cycloate (0.01)	△ Cycloprothrin (0.05)
△ Cycloxydim (0.01)	△ Cymoxanil (0.02)	△ Cyproconazole (0.01)	△ Cyprodinil (0.01)	△ Cyromazine (0.05)	△ Demeton-S-methyl (0.01)
△ Demeton-S-methyl-sulfone (0.01)	△ Desmedipham (0.01)	△ Diafenithuron (0.05)	△ Diallat (0.02)	△ Diazinon (0.01)	△ Diclobutrazol (0.01)
△ Dicropothos (0.01)	△ Diethofencarb (0.01)	△ Diethyltoluamide (0.01)	△ Difenoconazole (0.01)	△ Difubenzuron (0.01)	△ Diflufenican (0.01)
△ Dimepiperate (0.02)	△ Dimethachlor (0.01)	△ Dimethenamid including other mixtures of constituent (0.01)	△ Dimethoate (0.01)	△ Dimethomorph (0.01)	△ Dimethylvinphos (0.01)
△ Diniconazole (0.02)	△ Dinocap (0.01)	△ Dinitofuran (0.05)	△ Dioxacarb (0.01)	△ Diphenamid (0.01)	△ Disulfoton (0.05)
△ Disulfoton sulfoxide (0.01)	△ Disulfoton-PS-sulfone (0.01)	△ Ditalimfos (0.01)	△ Diuron (0.01)	△ Dodine (0.01)	△ Emamectin B1a (0.01)
△ Emamectin B1b (0.02)	△ Epoxiconazole (0.01)	△ EPTC (0.01)	△ Etaconazole (0.05)	△ Ethiofencarb (0.01)	△ Ethiofencarb (Sum) ()
△ Ethiofencarb-sulfone (0.01)	△ Ethiofencarb-sulfoxide (0.01)	△ Ethiprole (0.01)	△ Ethirimol (0.01)	△ Ethofumesate (0.01)	△ Ethoprophos (0.01)
△ Ethoxyquin (0.02)	△ Ethoxysulfuron (0.01)	△ Etofenprox (0.01)	△ Etoxazole (0.05)	△ Fenamidone (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)	△ Fensulfothion (0.01)	△ Fenulfothion oxon (0.01)	△ Fensulfothion-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 (0.01)
△ Fipronil (sum) ()	△ Fipronil-sulfide (0.01)	△ Fipronil-sulfone (0.01)	△ Flamprop-methyl (0.01)	△ Flazasulfuron (0.01)	△ Fluazifop-P-butyl (0.01)
△ Fluazinam (0.01)	△ Fludioxonil (0.01)	△ Flufenacet (0.01)	△ Flufenoxuron (0.01)	△ Fluometuron (0.05)	△ Fluopicolide (0.01)
△ Fluoridone (0.01)	△ Flusilazole (0.01)	△ Fluthiaacet-methyl (0.01)	△ Flutolanil (0.01)	△ Flutriafol (0.05)	△ FM-6-1 (metabolite triflumizole) (0.01)
△ Fomesafen (0.01)	△ Forchlorfenuron (0.01)	△ Formetanate (0.05)	△ Fosthiazate (0.01)	△ Furathiocarb (0.01)	△ Halosulfuron-methyl (0.01)
△ Hexaconazole (0.01)	△ Hexaflumuron (0.01)	△ Hexazinone (0.01)	△ Hexythiazox (0.01)	△ Imazalil (any ratio of constituent isomers) (0.01)	△ Imazaquin (0.01)
△ Imibenconazole (0.01)	△ Imidacloprid (0.01)	△ Indoxacarb (sum, R+S isomers) (0.02)	△ Iodosulfuron methyl (0.01)	△ Ioxynil (0.01)	△ Iprodione (0.01)
△ Ipronivalcarb (0.01)	△ Isoprocarb (0.01)	△ Isoproturon (0.01)	△ Isoxaflutole (0.01)	△ Isoxathion (0.01)	△ Lenacil (0.01)
△ Linuron (0.01)	△ Lufenuron (0.01)	△ Malathion (0.01)	△ Mefenacet (0.01)	△ Mepanipyrim (0.01)	△ Mephosfolan (0.01)
△ Metalaxyl (0.01)	△ Metiramiton (0.01)	△ Metconazole (0.01)	△ Methabenztiazuron (0.01)	△ Methamidophos (0.02)	△ Methiocarb (0.01)
△ Methiocarb (Sum) ()	△ Methiocarb sulfoxide (0.01)	△ Methiocarb-sulfone (0.01)	△ Methomyl (0.01)	△ Methoxyfenozide (0.01)	△ Metolachlor (0.01)
△ Metolcarb (0.01)	△ Metosulam (0.05)	△ Molinate (0.01)	△ Monocrotophos (0.01)	△ Monolinuron (0.01)	△ Myclobutanil (0.01)
△ Naled (0.05)	△ Napropamide (0.01)	△ Neburon (0.01)	△ Nicosulfuron (0.01)	△ Nitpyram (0.05)	△ Norflurazon (0.01)
△ Novaluron (0.01)	△ Nuramisol (0.01)	△ Omethoate (0.01)	△ Oxadixyl (0.01)	△ Oxamyl (0.01)	△ Oxamyl-oxime (0.02)
△ Oxycarboxin (0.01)	△ Oxydemeton-methyl (0.02)	△ Oxydemeton-methyl (sum) ()	△ Paraoxon (0.01)	△ Paraoxon-methyl (0.01)	△ Penconazole (0.01)
△ Penycuron (0.01)	△ Pendimethalin (0.01)	△ Phenmediphos (0.05)	△ Phorate (Sum) ()	△ Phorate-sulfone (0.01)	△ Phorate-sulfoxide (0.01)
△ Phosalone (0.01)	△ Phosmet (0.01)	△ Phoxim (0.01)	△ Picolofafen (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)	△ Promecarb (0.01)
△ Propachlor (0.01)	△ Propamocarb (Sum of propamocarb and its salts, exp (0.01)	△ Propaphos (0.01)	△ Propargite (0.01)	△ Propetamphos (0.01)	△ Propham (0.01)
△ Propiconazole (sum of isomers) (0.01)	△ Propoxur (0.01)	△ Propoxycarbazone (0.05)	△ Propyzamide (0.01)	△ Prosulfocarb (0.01)	△ Prosulfuron (0.01)
△ Prothoate (0.01)	△ Pymetrozine (0.05)	△ Pyraclofos (0.01)	△ Pyraclostrobin (0.01)	△ Pyrethrins (0.01)	△ Pyridaben (0.01)
△ Pyridate (0.01)	△ Pyrimethanil (0.01)	△ Pyrimidifen (0.01)	△ Pyriproxyfen (0.01)	△ Quinoxifen (0.01)	△ Resmethrin (0.01)
△ Rimsulfuron (0.01)	△ Rotenone (0.01)	△ Sebuthylazine (0.01)	△ Sethoxydim (0.01)	△ Simazine (0.01)	△ Simeconazole (0.01)
△ Spinosad (sum) ()	△ Spinosyn A (0.01)	△ Spinosyn D (0.01)	△ Spirodiclofen (0.01)	△ Spiromesifen (0.01)	△ Spiroxamine (0.01)
△ Sulfenazone (0.02)	△ Sulfope (0.01)	△ Sulprofos (0.01)	△ TCMTB (0.01)	△ Tebuconazole (0.01)	△ Tebufenozide (0.01)
△ Tebutam (0.01)	△ Teflubenzuron (0.01)	△ TEPP (0.01)	△ Tepraloxydim (0.01)	△ Terbacil (0.01)	△ Terburneton (0.01)
△ Terbutylazine (0.01)	△ Terbutryl (0.01)	△ Tetraconazole (0.01)	△ Thiabendazole (0.01)	△ Thiacloprid (0.05)	△ Thiamethoxam (0.02)
△ Thifensulfuron methyl (0.01)	△ Thiobencarb (0.01)	△ Thiodicarb (0.01)	△ Thiofanox sulfone (0.01)	△ Thiofanox sulfoxide (0.05)	△ Thionazin (0.01)
△ Thiophanate-methyl (0.01)	△ Tolclofos-methyl (0.01)	△ Tolfenpyrad (0.01)	△ Tralkoxydim (0.01)	△ Tralomethrin (0.1)	△ Triadimefon (0.01)
△ Triadimenol (0.01)	△ Triasulfuron (0.01)	△ Triasulfuron methyl (0.01)	△ Tribenuron-methyl (0.01)	△ Trichlorfon (0.01)	△ Tricyclazole (0.01)
△ Triodemorph (0.01)	△ Trifloxystrobin (0.01)	△ Trifloxysulfuron (0.01)	△ Triflumizol/FM-6-1 (Sum) ()	△ Triflumizole (0.01)	△ Triflumuron (0.01)
△ Triflusulfuron-methyl (0.01)	△ Trinexapac-ethyl (0.05)	△ Vamidothion (0.01)	△ Vamidothion-sulfone (0.01)	△ Vamidothion-sulfoxide (0.01)	△ XMC (0.05)
△ Zoxamide (0.01)	△ Fensulfothion-PO-sulfon (0.01)				

**SIGNATURE**  
  
 Haijia Qin  
 Authorized Signatory



**EXPLANATORY NOTE**

LOQ: Limit of Quantification

△ CNAS # DAkkS □ CMA

&lt; LOQ: Below Limit of Quantification

☆ means the test is subcontracted within Eurofins group

N/A means Not applicable

◎ means the test is subcontracted outside Eurofins group

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

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END OF REPORT

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