



مختبر الجودة الدولي ش.م.م INTERNATIONAL QUALITY LAB L.L.C

Head Office & Laboratory: P.O. Box:344, Al Multaga Street, Sohar, Sultanate of Oman
Tel: +96890959555, +96872722000 Email: info@iqloman.com, website: www.iqloman.com

Test Report

Report No.	: IQL-12-22-CH00013	Date of Report	: 31-12-2022
Sample Type	: Rear Omani Gum Arabic Honey (عسل الصمغ العماني النادر)	Date of Sample receiving	: 27-12-2022
Lab. No.	: IQL-12-22-CH00013	Date of Start Testing	: 27-12-2022
Customer Name	: نواذر العسل	Sample collected by	: By Customer

Test Results:

NO.	Type of Test	Units	Accepted levels*	Test results
Sensory Test parameter (الفحوصات الحسية)				
1.	Taste (الطعم)	-	-	Sweet (حلو)
2.	Odour (الرائحة)	-	-	Aromatic (عطرية)
3.	Purity (النقاوة)	-	-	Pure (نقي)
4.	Colour (اللون)	-	-	Extra Light Amber (عنبري فاتح جدا)
Physical Test parameter (الفحوصات الفيزيائية)				
1.	Moisture (الرطوبة)	%	Max 21 (حد اعلى)	16.7
2.	PH (الرقم الهيدروجيني)	-	-	3.7
3.	EC (التوصيل الكهربائي)	µS/cm	Max 1200 (حد اعلى)	212
Chemical Test parameter (الفحوصات الكيميائية)				
1.	Acidity (الحموضة)	meq/kg	Max 50 (حد اعلى)	23.0
2.	HMF (الهيدروكسي ميثيل فورفورال)	mg/kg	Max 80 (حد اعلى)	68.4
3.	Diastase Enzyme (فعالية الدياستيز)	schade	Min 8 (حد ادنى)	10.8
4.	Total Sugar (محتوى السكريات)	g/100g	Min 60 (حد ادنى)	82.2
5.	Ash Content (محتوى الرماد)	%	<1%	0.02

*Accepted levels according to GSO 147:2008





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Heavy Metal Content Analysis				
No.	Parameter	Unit	MRL	Test results
1.	Copper	mg/kg	Free	ND
2.	Arsenic	mg/kg	Free	ND
3.	Tin	mg/kg	Free	ND
4.	Cadmium	mg/kg	Free	ND
5.	Lead	mg/kg	Free	ND
6.	Mercury	mg/kg	Free	ND

Pesticide Residue Analysis						
No.	Detected Compounds	Units	LOQ ^a	MRL ^b	Results	Test Method
1	Non-detected	mg/kg	0.01	—	Non-detected	With reference to QuEChERS EU method of test for pesticides residues in food. Analysis was performed by LC/MS-MS & GC/MS-MS

a) LOQ: Limit of Quantification is 0.01 mg/Kg

b) MRL: Maximum Residue Levels of Codex Alimentarius and Maximum Residue Levels of European union*

The Sample Was Tested for 400 pesticides (list attached), and the results were found to be non-detected for all listed pesticides, the sample was in compliance according to the Maximum Residue Levels of Codex Alimentarius and European union.

Prepared by

Aisha AL Balushi

Aishaalbalushi



Approved by

Lab Manager

Shahinaz AL Shizawi

shahinaz



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Pesticides Residue Analysis List

Pesticide Name	LOQ mg/kg	Pesticide Name	LOQ mg/kg	Pesticide Name	LOQ mg/kg	Pesticide Name	LOQ mg/kg
2,3,5,6-Tetrachloroaniline	0.01	Bromfenvinfos	0.01	cis-1,2,3,6-Tetrahydrophthalimide	0.01	Dieldrin	0.01
2-Phenylphenol	0.01	Bromfenvinfos-methyl	0.01	Cismethrin (Resmethrin-cis)	0.01	Diethofencarb	0.01
3,4-Dichloroaniline	0.01	Bromophos	0.01	Clethodim	0.01	Difenoconazole (1)	0.01
Acephate	0.01	Bromophos-ethyl	0.01	Clofentezine	0.01	Difenoconazole (2)	0.01
Acequinocyl	0.01	Bromopropylate	0.01	Clomazone	0.01	Diflubenzuron	0.01
Acetamiprid	0.01	Bromuconazole-I	0.01	Coumaphos	0.01	Diffufenican	0.01
Acetochlor	0.01	Bromuconazole-II	0.01	Cyazofamid	0.01	Dimethachlor	0.01
Acrinathrin	0.01	Bupirimate	0.01	Cycloate	0.01	Dimethoate	0.01
Alachlor	0.01	Buprofezin	0.01	Cycluron	0.01	Dimethomorph (1)	0.01
Alanycarb	0.01	Butocarboxim	0.01	Cyfluthrin I	0.01	Dimethomorph (2)	0.01
Aldicarb	0.01	Captafol	0.01	Cyfluthrin II	0.01	Dimoxystrobin	0.01
Aldrin	0.01	Captan	0.01	Cyfluthrin III	0.01	Diniconazole	0.01
Allethrin	0.01	Carbaryl	0.01	Cyfluthrin IV	0.01	Dinotefuran	0.01
Allidochlor	0.01	Carbendazim	0.01	Cyhalothrin (Lambda)	0.01	Dioxacarb	0.01
Amidosulfuron	0.01	Carbofuran	0.01	Cymiazole	0.01	Diphenamid	0.01
Aminocarb	0.01	Carbophenothion	0.01	Cymoxanil	0.01	Diphenylamine	0.01
Amitraz	0.01	Carbosulfan	0.01	Cypermethrin	0.01	Disulfoton	0.01
Anthraquinone	0.01	Carboxin	0.01	Cypermethrin I	0.01	Diuron	0.01
Atrazine	0.01	Carfentrazone-	0.01	Cypermethrin II	0.01	Edifenphos	0.01
Avermectin B1a	0.01	Chlorantranilprole	0.01	Cypermethrin IV	0.01	Endosulfan ether	0.01
Azaconazole	0.01	Chlorbenside	0.01	Cyproconazole (1)	0.01	Endosulfan I (alpha isomer)	0.01
Azamethiphos	0.01	Chlordane-cis	0.01	Cyproconazole (2)	0.01	Endosulfan II (beta isomer)	0.01
Azinphos-ethyl	0.01	Chlordane-trans	0.01	Cyprodinil	0.01	Endosulfan sulfate	0.01
Azinphos-methyl	0.01	Chlorfenapyr	0.01	DCPA (Dacthal,	0.01	Endrin	0.01
Azoxystrobin	0.01	Chlorfenson	0.01	DDD-o,p'	0.01	Endrin aldehyde	0.01
Beflubutamid	0.01	Chlorfenvinphos	0.01	DDD-p,p'	0.01	Endrin ketone	0.01
Benalaxyl	0.01	Chlorfenvinphos-I	0.01	DDE-o,p'	0.01	EPN	0.01
Benfluralin	0.01	Chlorfenvinphos-II	0.01	DDE-p,p'	0.01	Epoxiconazole	0.01
Benzoximate	0.01	Chloridazon	0.01	DDT-o,p'	0.01	epoxide	0.01
BHC-alpha	0.01	Chlorobenzilate	0.01	DDT-p,p'	0.01	Ethalfuralin	0.01
BHC-alpha (benzene	0.01	Chloroneb	0.01	Deet	0.01	Ethidimuron	0.01
BHC-beta	0.01	Chlorothalonil	0.01	Deltamethrin	0.01	Ethion	0.01
BHC-delta	0.01	Chlorotoluron	0.01	Diallate I	0.01	Ethirimol	0.01
BHC-gamma (Lindane,	0.01	Chloroxuron	0.01	Diallate II	0.01	Ethofenprox	0.01
Bifenazate	0.01	Chlorpropham	0.01	Diazinon	0.01	Ethofumesate	0.01
Bifenthrin	0.01	Chlorpyrifos	0.01	Dichlorfuanid	0.01	Ethoprophos(Ethoprop)	0.01
Biphenyl	0.01	Chlorpyrifos-	0.01	Dichloran	0.01	Ethoxyquin	0.01
Bispyribac	0.01	Chlorsulfuron	0.01	Dichlorobenzonitrile	0.01	Ethylan	0.01
Bitertanol	0.01	Chlorthiophos	0.01	Dichlorobenzophenone,	0.01	Etofenprox	0.01
Boscalid	0.01	Chlozolinate	0.01	Dichlorvos	0.01	Etridiazole	0.01



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Famoxadone	0.01	Foramsulfuron	0.01	Mesosulfuron-methyl	0.01	Oxadixyl	0.01
Fenamidone	0.01	Forchlorfenuron	0.01	Metaflumizone	0.01	Oxamyl	0.01
Fenamiphos	0.01	Fosthiazate	0.01	Metaxyl	0.01	Oxasulfuron	0.01
Fenarimol	0.01	Fuberidazole	0.01	Metamitron	0.01	Oxyfluorfen	0.01
Fenazaquin	0.01	Furalaxyl	0.01	Metazachlor	0.01	Paclobutrazol	0.01
Fenbuconazol	0.01	Furathiocarb	0.01	Metconazole	0.01	Parathion	0.01
Fenhexamid	0.01	Halofenozide	0.01	Methabenzthiazuron	0.01	Parathion-methyl	0.01
Fenitrothion	0.01	Halosulfuron	0.01	Methacrifos	0.01	Pebulate	0.01
Fenobucarb	0.01	Heptachlor	0.01	Methamidophos	0.01	Penconazol	0.01
Fenoxycarb	0.01	Heptachlor endo-	0.01	Methidathion	0.01	Penconazole	0.01
Fenprothrin	0.01	Heptachlor exo-	0.01	Methiocarb	0.01	Pencycuron	0.01
Fenpropidin	0.01	Hexachlorobenzene	0.01	Methomyl	0.01	Pendimethalin	0.01
Fenpyroximate	0.01	Hexaconazole	0.01	Methoprotrotryne	0.01	Pentachloroaniline	0.01
Fenson	0.01	Hexaflumuron	0.01	Methoxychlor olefin	0.01	Pentachloroanisole	0.01
Fenthion	0.01	Hexazinone	0.01	Methoxychlor, o,p'-	0.01	Pentachlorobenzene	0.01
Fenuron	0.01	Hexythiazox	0.01	Methoxychlor, p,p'-	0.01	Pentachlorobenzonitrile	0.01
Fenvalerate I	0.01	Hydramethylnon	0.01	Methoxyfenozide	0.01	Phosphamidon-II	0.01
Fenvalerate II	0.01	Imazalil	0.01	Metobromuron	0.01	Phoxim	0.01
Fipronil	0.01	Imidacloprid	0.01	Metolachlor	0.01	Picolinafen	0.01
Flazasulfuron	0.01	Indoxacarb	0.01	Metrafenone	0.01	Picoxystrobin	0.01
Flonicamid	0.01	Iodofenphos	0.01	Metribuzin	0.01	Piperonyl butoxide	0.01
Fluazifop-p-butyl	0.01	Ipconazole	0.01	Metsulfuron-methyl	0.01	Pirimicarb	0.01
Fluazinam	0.01	Iprodione	0.01	Mevinphos, E-	0.01	Pirimiphos-ethyl	0.01
Flubendamide	0.01	Iprovalicarb-I	0.01	Mevinphos, Z-	0.01	Pirimiphos-methyl	0.01
Fluchloralin	0.01	Iprovalicarb-II	0.01	Mevinphos-I	0.01	Pretilachlor	0.01
Flucythrinate I	0.01	Isazofos	0.01	Mevinphos-II	0.01	Prochloraz	0.01
Flucythrinate II	0.01	Isocarbophos	0.01	Mexacarbate	0.01	Procymidone	0.01
Fludioxonil	0.01	Isodrin	0.01	MKG-264	0.01	Prodiamine	0.01
Flufenacet	0.01	Isofenphos-methyl	0.01	Mirex	0.01	Profenofos	0.01
Flufenoxuron	0.01	Isopropalin	0.01	Molinate	0.01	Profluralin	0.01
Flumetsulam	0.01	Isoprothiolane	0.01	Monocrotophos	0.01	Promecarb	0.01
Flumioxazin	0.01	Isoxaben	0.01	Moxidectin	0.01	Prometon	0.01
Fluometuron	0.01	Ivermectin	0.01	Myclobutanil	0.01	Propachlor	0.01
Fluopicolide	0.01	Kresoxim-methyl	0.01	N(2,4dimethylphenyl)	0.01	Propamocarb	0.01
Fluoxastrobin	0.01	Lenacil	0.01	Nitenpyram	0.01	Propanil	0.01
Fluquinconazole	0.01	Leptophos	0.01	Nitralin	0.01	Propaquizafop	0.01
Fluridone	0.01	Linuron	0.01	Nitrofen	0.01	Propargite	0.01
Flusilazole	0.01	Lufenuron	0.01	Nonachlor, cis-	0.01	Propetamphos	0.01
Flutolanil	0.01	Malaoxon	0.01	Nonachlor, trans-	0.01	Propham	0.01
Flutriafol	0.01	Malathion	0.01	Norflurazon	0.01	Propiconazole (1)	0.01
Fluvalinate-tau I	0.01	Mandipropamid	0.01	Novaluron	0.01	Propiconazole (2)	0.01
Folpet	0.01	Mecarbam	0.01	Omethoate	0.01	Propisochlor	0.01
Fonofos	0.01	Mepanipyrim	0.01	Oxadiazon	0.01	Propoxur	0.01



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Pesticide Name	LOQ mg/kg	Pesticide Name	LOQ mg/kg	Pesticide Name	LOQ mg/kg	Pesticide Name	LOQ mg/kg
Propyzamide	0.01	Rotenone	0.01	Tefluthrin	0.01	Tralkoxydim	0.01
Proquinazid	0.01	S-Bioallethrin	0.01	Temephos	0.01	Transfluthrin	0.01
Prosulfocarb	0.01	Secbumeton	0.01	Tepraloxymid	0.01	Triadimefon	0.01
Prothiofos	0.01	Silthiofam	0.01	Terbacil	0.01	Triadimenol	0.01
Pymetrozine	0.01	Spinosad A	0.01	Terbufos	0.01	Triallate	0.01
Pyracarbolid	0.01	Spinosad D	0.01	Terbuthylazine	0.01	Triasulfuron	0.01
Pyraclofos	0.01	Spirodiclofen	0.01	Tetrachlorvinphos	0.01	Triazophos	0.01
Pyraclostrobin	0.01	Spiromesifen	0.01	Tetraconazole	0.01	Tribenuron-methyl	0.01
Pyrazophos	0.01	Spirotetramat	0.01	Tetradifon	0.01	Tricyclazole	0.01
Pyridaben	0.01	Spiroxamine (1)	0.01	Tetramethrin I	0.01	Trietazine	0.01
Pyridaphenthion	0.01	Spiroxamine (2)	0.01	Tetramethrin II	0.01	Trifloxystrobin	0.01
Pyrimethanil	0.01	Sulfentrazone	0.01	Thiabendazole	0.01	Triflumizole	0.01
Pyriproxifen	0.01	Sulfotep	0.01	Thiacloprid	0.01	Triflurumuron	0.01
Pyriproxyfen	0.01	Sulprofos	0.01	Thiamethoxam	0.01	Trifluralin	0.01
Quinalphos	0.01	Tebuconazole	0.01	Thidiazuron	0.01	Trimethacarb	0.01
Quinmerac	0.01	Tebufenozide	0.01	Thifensulfuron-methyl	0.01	Triticonazole	0.01
Quinoclamine	0.01	Tebufenpyrad	0.01	Thiodicarb	0.01	Uniconazole	0.01
Quinoxifen	0.01	Tebuthiuron	0.01	Thiofanox	0.01	Vamidothion	0.01
Resmethrin	0.01	Tecnazene	0.01	Tolclofos-methyl	0.01	Vinclozolin	0.01
Ronnel	0.01	Teflubenzuron	0.01	Tolyfluanid	0.01	Zoxamide	0.01



End of Report