

Report code: AR-19-IR-071120-01



Batch code: EUINBA-00055669

ULR: TC543619000049203F

Report date: 22.11.2019

M LALLUBHAI & COMPANY - Mumbai

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INDIA

Mr Viren Shah

ANALYTICAL REPORT

Sample code:	258-2019-11003171	Received on:	15.11.2019
Sample name:	Cumin Seeds	Analysed between:	15.11.2019 - 18.11.2019
Sample reference	Customer Provided details Sample number : QSS/102 PO number : 1606016 Ref number : IPM/15/19-20 Dated : 12.11.2019		
Sample Appearance:	Brown Colour Seeds		
Quantity received:	800g	Sample packing:	Sealed Polythene Pack
Condition on receipt:	Good	Sampling:	NOT SAMPLED BY EUROFINS

PESTICIDES	Result Unit	LOQ	MRL
IR06X IR Pesticides (GC-MS/MS) Method: EASI-CHE-SOP-21			
Fenvalerate	0.023 mg/kg	0.01	0.1
Other screened pesticides	Not Detected		
IR07X IR Pesticides (LC-MS/MS) Method: EASI-CHE-SOP-21			
Imidacloprid	0.008(T) mg/kg	0.01	0.05
Phorate Sulfoxide	0.041 mg/kg	0.01	0.5
Pyraclostrobin	0.048 mg/kg	0.01	0.1
Other screened pesticides	Not Detected		

Sample Conclusion:

The results of the above mentioned analyses are in accordance with the requirements of EU regulation (EC) 396/2005 (regulation on maximum residue levels in food and feed) in its currently valid version.

Note: Traces identifier denotes the analyte was detected below the LOQ but above the LOD. This result is considered an estimated concentration.

List of screened molecules and not detected**IR06X IR Pesticides (GC-MS/MS) (LOQ mg/kg)**

2,4-DDD (0.01)	2,4-DDE (0.01)	2,4-DDT (0.01)	4,4-DDD (0.01)	4,4-DDE (0.01)
4,4'-DDT (0.01)	Acetochlor (0.01)	Acrinathrin (0.01)	Aldrin (0.01)	Allethrin (0.01)
alpha-HCH (0.01)	Anthraquinone (0.01)	ARAMITE (0.01)	Benthiavalicarb, isopropyl- (0.01)	Bifenthrin (0.01)
Binapacryl (0.01)	Bioallethrin (0.01)	Biphenyl (0.01)	Boscalid (0.01)	Bromophos-ethyl (0.01)
Bromopropylate (0.01)	Cadusafos (0.01)	Captafol (0.01)	Captan (0.01)	Carpropamid (0.01)
Chlorbenside (0.01)	Chlordane (0.01)	Chlordecone (Kepone) (0.01)	Chlorfenapyr (0.01)	Chlorfenvinphos (0.01)
Chlorobenzilate (0.01)	Chlorothalonil (0.01)	Chlorpropham (0.01)	Chlorpyrifos (0.01)	Chlorpyrifos-methyl (0.01)
Chromafenozide (0.01)	Clomazone (0.01)	Cyfluthrin (0.01)	Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-) (0.01)	Cypermethrin (0.01)
Deltamethrin (0.01)	Dichlorvos (0.01)	Dicofol (0.01)	Diethrin (0.01)	Diethofencarb (0.01)

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**IR06X IR Pesticides (GC-MS/MS) (LOQ mg/kg)**

Difenoconazole (0.01)	Diflufenican (0.01)	Endosulfan alpha (0.01)	Endosulfan beta (0.01)	Endosulfan sulphate (0.01)
Endrin (0.01)	Epoxiconazole (0.01)	Esfenvalerate (0.01)	Ethoprophos (0.01)	Etofenprox (0.01)
Fenamidone (0.01)	Fenitrothion (0.01)	Fenoxycarb (0.01)	Fenpropathrin (0.01)	Fenpropidin (0.01)
Fenpropimorph (0.01)	Flucythrinate (0.01)	Flufenacet (0.01)	Flurochloridone (0.01)	Flusilazole (0.01)
Flutolanil (0.01)	Fluvalinate-tau (0.01)	Folpet (0.01)	Formothion (0.01)	Fosthiazate (0.01)
Halfenprox (0.01)	HCH Beta (0.01)	HCH Delta (0.01)	HCH Gamma (0.01)	Heptachlor (0.01)
Hexaconazole (0.01)	Indoxacarb (0.01)	Iprobenfos (0.01)	Mecarbam (0.01)	Mepronil (0.01)
Methoprene (0.01)	Methoxychlor (0.01)	Metolachlor (0.01)	Metrafenone (0.01)	Myclobutanil (0.01)
Oxadiazon (0.01)	Oxadixyl (0.01)	Parathion-ethyl (0.01)	Permethrin (0.01)	Phenothrin (0.01)
Phenthoate (0.01)	Pirimicarb (0.01)	Pyrethrins (0.01)	Pyridaben (0.01)	Quinoxifen (0.01)
Resmethrin (0.01)	S 421 (0.01)	Tebuconazole (0.01)	Tebufenpyrad (0.01)	Tecnazene (0.01)
Tefluthrin (0.01)	Terbufos (0.01)	Terbutylazine (0.01)	Tetraconazole (0.01)	Tetradifon (0.01)
Tolclofos-methyl (0.01)	Transfluthrin (0.01)	Trifluralin (0.01)	Zoxamide (0.01)	

IR07X IR Pesticides (LC-MS/MS) (LOQ mg/kg)

3-Hydroxycarbofuran (0.01)	4-Bromo-2-Chlorophenol (0.01)	8-HYDROXYQUINOLINE (0.01)	Acephate (0.01)	Acequinocyl (0.01)
Acetamiprid (0.01)	Acibenzolar-s-methyl (0.01)	Alachlor (0.01)	Aldicarb (0.01)	Aldicarb sulfone (0.01)
Aldicarb-sulfoxide (0.01)	Ametoctradin (0.01)	Amidosulfuron (0.01)	Amitraz (sum) (0.01)	Amitrole (0.01)
Anilazine (0.01)	Anilofos (0.01)	Asulam (0.01)	Atrazine (0.01)	Azimsulfuron (0.01)
Azinphos-ethyl (0.01)	Azinphos-methyl (0.01)	Azocyclotin (0.01)	Azoxystrobin (0.01)	Barban (0.01)
Beflubutamid (0.01)	Benalaxyl (0.01)	Bendiocarb (0.01)	Benfluralin (0.01)	Benfuracarb (0.01)
Benomyl (0.01)	Bentazone (0.01)	Bentazone-8-hydroxy (0.01)	Bifenazate (0.01)	Bifenox (0.01)
Bitertanol (0.01)	Bixafen (0.01)	Bupirimate (0.01)	Buprofezin (0.01)	Butachlor (0.01)
Carbaryl (0.01)	Carbendazim (0.01)	Carbetamide (0.01)	Carbofuran (0.01)	Carbosulfan (0.01)
Carboxin (0.01)	Chlorantraniliprole (0.01)	Chlorbufam (0.01)	Chlorfenson (0.01)	Chlorfluazuron (0.01)
Chlorimuron-Ethyl (0.01)	Chlorsulfuron (0.01)	Clothianidin (0.01)	Cyazofamid (0.01)	Cyhexatin (0.01)
Cymoxanil (0.01)	Dalapon (0.01)	Daminozide (0.01)	Dazomet (0.01)	Demeton-S-methyl (0.01)
Demeton-S-methyl-sulfone (0.01)	Diazinon (0.01)	Dimethipin (0.01)	Dimethoate (0.01)	Dimethomorph (0.01)
Dinocap (0.01)	Dinoseb (0.01)	Dinoterb (0.01)	Dioxathion (0.01)	Diphenylamine (0.01)
Disulfoton (0.01)	Dithianon (0.01)	Diuron (0.01)	DNOC (0.01)	Edifenphos (0.01)
Ethion (0.01)	Ethoxyquin (0.01)	Etridiazole (0.01)	Etrimfos (0.01)	Fenamiphos (0.01)
Fenazaquin (0.01)	Fenbutatin oxide (0.01)	Fenchlorphos (0.01)	Fenhexamid (0.01)	Fenobucarb (0.01)
Fenpyroximate (0.01)	Fenthion (0.01)	Fenthion sulfone (0.01)	Fenthion-oxon (0.01)	Fenthion-sulfoxide (0.01)
Fentin hydroxide (0.01)	Fipronil (0.01)	Flazasulfuron (0.01)	Flonicamid (0.01)	Flumioxazin (0.01)
Fluopicolide (0.01)	Flurtamone (0.01)	Fluxapyroxad (0.01)	Foramsulfuron (0.01)	Fosetyl-aluminium (0.01)
Furfural (0.01)	Hexachlorobenzene (0.01)	Hymexazol (0.01)	Iprodione (0.01)	Iprovalicarb (0.01)
Isocarbophos (0.01)	Isoprothiolane (0.01)	Isoproturon (0.01)	Isoxaflutole (0.01)	Linuron (0.01)
Lufenuron (0.01)	Malaonox (0.01)	Malathion (0.01)	Maleic hydrazide (MH-30) (0.01)	Mandipropamid (0.01)
Mefenoxam (Metalaxyl-M) (0.01)	Mepanipyrim (0.01)	Meptyldinocap (0.01)	Metaflumizone (0.01)	Metalaxyl (0.01)
Methacrifos (0.01)	Methamidophos (0.01)	Methomyl (0.01)	Metsulfuron-methyl (0.01)	Mevinphos (0.01)
Monocrotophos (0.01)	Naphthalene Acetamide (0.01)	Novaluron (0.01)	Omethoate (0.01)	Orthosulfamuron (0.01)
Oxadiargyl (0.01)	Paraoxon-ethyl (0.01)	Paraoxon-methyl (0.01)	Parathion-methyl (0.01)	Penconazole (0.01)
Pendimethalin (0.01)	Phorate (0.01)	Phorate Sulfone (0.01)	Phosalone (0.01)	Phosphamidon (0.01)
Phoxim (0.01)	Pinoxaden (0.01)	Pirimiphos-methyl (0.01)	Pretilachlor (0.01)	Profenofos (0.01)
Profoxydim (0.01)	Prohexadione Calcium (0.01)	Propamocarb (0.01)	Propanil (0.01)	Propargite (0.01)
Propetamphos (0.01)	Propham (0.01)	Propiconazole (0.01)	Propoxur (0.01)	Propoxycarbazone (0.01)
Proquinazid (0.01)	Pyrasulfotole (0.01)	Pyrazophos (0.01)	PYRAZOSULFURON-ETHYL (0.01)	Quinalphos (0.01)
Quinlorac (0.01)	Quinmerac (0.01)	Silthiofam (0.01)	Simazine (0.01)	Spiroxamine (0.01)
Sulfosulfuron (0.01)	Tebufenozide (0.01)	Temephos (0.01)	TEPP (0.01)	Thiabendazole (0.01)
Thiacloprid (0.01)	Thiamethoxam (0.01)	Thiodicarb (0.01)	Thiometon (0.01)	Thiophanate methyl (0.01)
Tolylfluanid (including metabolite) (0.01)	Triadimefon (0.01)	Triallate (0.01)	Triazophos (0.01)	Tribenuron methyl (0.01)
Trichlorfon (0.01)	Tridemorph (0.01)	Triflusaluron-methyl (0.01)	Triforin (0.01)	Trinexapac-ethyl (0.01)
TRITOSULFURON (0.01)				

The tests identified by the two letters code IR are performed by Eurofins Analytical Services India (Bangalore), INDIA.



Ms Jyoti Sindhu

Manager Lab

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LOQ = Limit of Quantification

MRL = Maximum Residue Level

***** END OF REPORT *****

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