

Report code: AR-19-IR-069988-01



Batch code: EUINBA-00055669

ULR: TC543619000048344F

Report date: 18.11.2019

**M LALLUBHAI & COMPANY - Mumbai**

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Mr Viren Shah

# ANALYTICAL REPORT

<b>Sample code:</b>	258-2019-11003172	<b>Received on:</b>	15.11.2019
<b>Sample name:</b>	Cumin Seeds	<b>Analysed between:</b>	15.11.2019 - 18.11.2019
<b>Sample reference</b>	Customer Provided details Sample number : QSS/102 Ref number : IPM/16/19-20 Dated : 12.11.2019		
<b>Sample Appearance:</b>	Brown Colour Seeds		
<b>Quantity received:</b>	800g	<b>Sample packing:</b>	Sealed Polythene Pack
<b>Condition on receipt:</b>	Good	<b>Sampling:</b>	NOT SAMPLED BY EUROFINS

PESTICIDES	Result	Unit	LOQ	MRL
<b>IR410 IR Pesticides GC-MS/MS Method: EASI-CHE-SOP-21</b>				
Screened pesticides	Not Detected			
<b>IR411 IR Pesticides LC-MS/MS Method: EASI-CHE-SOP-21</b>				
Imidacloprid	0.008(T)	mg/kg	0.01	0.05
Phorate-sulfoxide	0.013	mg/kg	0.01	0.5
Thiamethoxam	0.014	mg/kg	0.01	0.05
Acetamiprid	0.010	mg/kg	0.01	0.05
Other screened pesticides	Not Detected			

**Sample Conclusion:**

The results of the above mentioned analytes 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**

<b>IR410 IR Pesticides GC-MS/MS (Small Package) (LOQ mg/kg)</b>					
2,4-DDD (0.01)	2,4-DDE (0.01)	2,4-DDT (0.01)	4,4 -DDT (0.01)	4,4-DDD (0.01)	
4,4-DDE (0.01)	Aldrin (0.01)	alpha-HCH (0.01)	beta-HCH (0.01)	Bifenthrin (0.01)	
Captan (0.01)	Chlordane (0.01)	Chlorfenapyr (0.01)	Chlorfenvinphos (0.01)	Chlorobenzilate (0.01)	
Chlorothalonil (0.01)	Chlorpyrifos (0.01)	Clodinafop-propargyl (0.01)	Clomazone (0.01)	Cyfluthrin (0.01)	
Cyhalothrin, lambda (0.01)	Cypermethrin (0.01)	Deltamethrin (0.01)	Dichlorvos (0.01)	Dicofol (0.01)	
Dieldrin (0.01)	Endosulfan alpha (0.01)	Endosulfan beta (0.01)	Endosulfan sulphate (0.01)	Etofenprox (0.01)	
Fenitrothion (0.01)	Fenpropathrin (0.01)	Flufenacet (0.01)	gamma-HCH (Lindane) (0.01)	HCH, delta- (0.01)	
Heptachlor (0.01)	Metolachlor (0.01)	Metribuzin (0.01)	Parathion-methyl (0.01)	Permethrin (0.01)	
Phenthoate (0.01)	tau-Fluvalinate (0.01)	Trifluralin (0.01)			
<b>IR411 IR Pesticides LC-MS/MS (Small Package) (LOQ mg/kg)</b>					
3-Hydroxycarbofuran (0.01)	Acephate (0.01)	Alachlor (0.01)	Aldicarb sulfone (0.01)	Aldicarb-sulfoxide (0.01)	
Anilofos (0.01)	Atrazine (0.01)	Benomyl (0.01)	Bitertanol (0.01)	Buprofezin (0.01)	

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**IR411 IR Pesticides LC-MS/MS (Small Package) (LOQ mg/kg)**

Butachlor (0.01)	Carbaryl (0.01)	Carbofuran (0.01)	Chlormequat (0.01)	Cymoxanil (0.01)
Demeton-S-methyl (0.01)	Diazinon (0.01)	Diclofop-methyl (0.01)	Difenoconazole (0.01)	Diflubenzuron (0.01)
Dimethoate (0.01)	Dimethomorph (0.01)	Diuron (0.01)	Dodine (0.01)	Edifenphos (0.01)
Ethion (0.01)	Fenobucarb (0.01)	Fenthion (0.01)	Fenthion-sulfone (0.01)	Formothion (0.01)
Hexaconazole (0.01)	Imazethapyr (0.01)	Isoprothiolane (0.01)	Isoproturon (0.01)	Linuron (0.01)
Malaoxon (0.01)	Malathion (0.01)	Mefenoxam (Metalaxyl-M) (0.01)	Metalaxyl (0.01)	Methabenzthiazuron (0.01)
Methamidophos (0.01)	Methomyl (0.01)	Monocrotophos (0.01)	Novaluron (0.01)	Paraoxon-ethyl (0.01)
Penconazole (0.01)	Pendimethalin (0.01)	Phorate (0.01)	Phorate-sulfone (0.01)	Phosalone (0.01)
Phosphamidon (0.01)	Pretilachlor (0.01)	Profenofos (0.01)	Propargite (0.01)	Propiconazole (0.01)
Quinalphos (0.01)	Quizalofop ethyl (0.01)	Tebuconazole (0.01)	Thiacloprid (0.01)	Thiodicarb (0.01)
Thiometon (0.01)	Thiophanate-methyl (0.01)	Triadimefon (0.01)	Tri-allate (0.01)	Triazophos (0.01)
Trichlorfon (0.01)	Tricyclazole (0.01)	Tridemorph (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**

LOQ = Limit of Quantification

MRL = Maximum Residue Level

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

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