



Chandigarh Agritech Pvt. Ltd - Baddi
Chandigarh Agritech Pvt. Ltd
Village Kunjhal, Barotiwla,
Tehsil-Baddi,
174103 Baddi.
INDIA

Rahul Dixit

ANALYTICAL REPORT

Sample code:	260-2018-06000365	Received on:	15.06.2018
Sample name:	Ginger Oleoresin	Analysed between:	15.06.2018 - 20.06.2018
Sample reference	PURCHASE ORDER NO.: EA/01/08.06.18 DATE: 08/06/2018		
Sample appearance:	Dark brown colour liquid		
Quantity received:	60 g x 2 no's	Condition on receipt:	Good
Sample packing:	Plastic container	Sampling:	NOT SAMPLED BY EUROFINS

CHEMICAL	Result Unit	LOQ
IR792 IR Total Gingerol Method: EASI-CHE-SOP-54, LC-DAD		
6-gingerol	18.37 g/100 g	0.5
8-gingerol	2.83 g/100 g	0.5
10-gingerol	1.75 g/100 g	0.5
6-shogaol	1.15 g/100 g	0.5
8-shogaol	<0.5 (0.16) g/100 g	0.5
10-shogaol	<0.5 (0.33) g/100 g	0.5
Total Gingerols	24.59 g/100 g	

POLYCYCLIC AROMATIC HYDROCARBONS	Result Unit	LOQ
IR424 IR Poly aromatic hydrocarbons (Sum of 4 PAH) Method: EASI-CHE-SOP-21, GC-MS/MS		
Benzo(a)pyrene	1.78 µg/kg	0.5
Benz(a)anthracene	6.76 µg/kg	0.5
Chrysene	8.71 µg/kg	0.5
Benzo(b)fluoranthene	2.05 µg/kg	0.5
Sum of 4 PAH	19.30 µg/kg	

PESTICIDES	Method	Result Unit	LOQ
IR410 IR Screened Pesticides	EASI-CHE-SOP-21	Not Detected	
IR411 IR Screened Pesticides	EASI-CHE-SOP-21	Not Detected	

List of screened molecules and not detected (* = limit of quantification)

IR410 IR	Pesticides GC-MS/MS (Small Package) (LOQ* mg/kg)			
2,4-DDD (0.1)	2,4-DDE (0.1)	2,4-DDT (0.1)	4,4 -DDT (0.1)	4,4-DDD (0.1)
4,4-DDE (0.1)	Aldrin (0.1)	alpha-HCH (0.1)	beta-HCH (0.1)	Bifenthrin (0.1)

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**IR410 IR Pesticides GC-MS/MS (Small Package) (LOQ* mg/kg)**

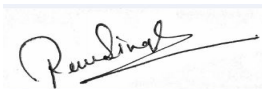
Captan (0.1)	Chlordane (0.1)	Chlorfenapyr (0.1)
Chlorothalonil (0.1)	Chlorpyrifos (0.1)	Clodinafop-propargyl (0.1)
Cyhalothrin, lambda- (0.1)	Cypermethrin (0.1)	Deltamethrin (0.1)
Dieldrin (0.1)	Endosulfan alpha (0.1)	Endosulfan beta (0.1)
Fenitrothion (0.1)	Fenpropathrin (0.1)	Flufenacet (0.1)
Heptachlor (0.1)	Metolachlor (0.1)	Metribuzin (0.1)
Phenthoate (0.1)	tau-Fluvalinate (0.1)	Trifluralin (0.1)

Chlorfenvinphos (0.1)	Chlorobenzilate (0.1)
Clomazone (0.1)	Cyfluthrin (0.1)
Dichlorvos (0.1)	Dicofol (0.1)
Endosulfan sulphate (0.1)	Etofenprox (0.1)
gamma-HCH (Lindane) (0.1)	HCH, delta- (0.1)
Parathion-methyl (0.1)	Permethrin (0.1)

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

3-Hydroxycarbofuran (0.1)	Acephate (0.1)	Acetamiprid (0.1)	Alachlor (0.1)	Aldicarb sulfone (0.1)
Aldicarb-sulfoxide (0.1)	Anilofos (0.1)	Atrazine (0.1)	Benomyl (0.1)	Bitertanol (0.1)
Buprofezin (0.1)	Butachlor (0.1)	Carbaryl (0.1)	Carbofuran (0.1)	Chlormequat (0.1)
Cymoxanil (0.1)	Demeton-S-methyl (0.1)	Diazinon (0.1)	Diclofop-methyl (0.1)	Difenoconazole (0.1)
Diflubenzuron (0.1)	Dimethoate (0.1)	Dimethomorph (0.1)	Diuron (0.1)	Dodine (0.1)
Edifenphos (0.1)	Ethion (0.1)	Fenobucarb (0.1)	Fenthion (0.1)	Fenthion-sulfone (0.1)
Formothion (0.1)	Hexaconazole (0.1)	Imazethapyr (0.1)	Imidacloprid (0.1)	Isoprothiolane (0.1)
Isoproturon (0.1)	Linuron (0.1)	Malaoxon (0.1)	Malathion (0.1)	Mefenoxam (Metalaxyl-M) (0.1)
Metalaxyl (0.1)	Methabenzthiazuron (0.1)	Methamidophos (0.1)	Methomyl (0.1)	Monocrotophos (0.1)
Novaluron (0.1)	Paraoxon-ethyl (0.1)	Penconazole (0.1)	Pendimethalin (0.1)	Phorate (0.1)
Phorate-sulfone (0.1)	Phorate-sulfoxide (0.1)	Phosalone (0.1)	Phosphamidon (0.1)	Pretilachlor (0.1)
Profenofos (0.1)	Propargite (0.1)	Propiconazole (0.1)	Quinalphos (0.1)	Quizalofop ethyl (0.1)
Tebuconazole (0.1)	Thiacloprid (0.1)	Thiamethoxam (0.1)	Thiodicarb (0.1)	Thiometon (0.1)
Thiophanate-methyl (0.1)	Triadimefon (0.1)	Tri-allate (0.1)	Triazophos (0.1)	Trichlorfon (0.1)
Tricyclazole (0.1)	Tridemorph (0.1)			

The tests identified by the two letters code IR are subcontracted to our Eurofins Group lab.



Ms Renu Singh
Manager – Lab

LOQ = Limit of Quantification

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

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