



Tel. (O) 0471 2380520,

ALL INDIA NETWORK PROJECT ON PESTICIDE RESIDUES,
PESTICIDE RESIDUE RESEARCH AND ANALYTICAL LABORATORY,
COLLEGE OF AGRICULTURE, VELLAYANI, THIRUVANANTHAPURAM, 695 522, KERALA



Certificate No : TC 5721

TEST CERTIFICATE

Report No. TC-57211800000004F

CUSTOMER NAME & ADDRESS		Date of issue	15/03/2019	
dhaani naturals , Nedumkandam, Idukki-685 553		Date of sample receipt	07/03/2019	
		Identification code	CGW/MX/B202	
		Type of sample/Commodity	Cardamom	
		Sampling done by	Customer	
		Description of sample	Dry	
		Unique Sample Code	RF 0239/03/19	
		Analysis	Started on	08/03/2019
			Completed on	13/03/2019
Test Method	QuEChERS –PRRAL/MOA-07			
Sl.No.	Pesticides Tested	Results (mgKg ⁻¹)	LOQ (mgKg ⁻¹)	
Organochlorine				
1	Alpha HCH	BQL	0.05	
2	Beta HCH	BQL	0.05	
3	Gamma HCH/ Lindane	BQL	0.05	
4	Delta HCH	BQL	0.05	
5	Endosulfan-I	BQL	0.05	
6	Endosulfan-II	BQL	0.05	
7	P,P'-DDE	BQL	0.05	
8	P,P'-DDD	BQL	0.05	
Organophosphorous				
9	Phorate	BQL	0.05	
10	Dimethoate	BQL	0.05	
11	Chlorpyrifos	BQL	0.05	
12	Malathion	BQL	0.05	
13	Methyl parathion	BQL	0.05	
14	Quinalphos	BQL	0.05	
15	Profenophos	BQL	0.05	
16	Ethion	BQL	0.05	





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Synthetic pyrethroids and Herbicides			
17	Fenvalerate	BQL	0.05
18	λ -Cyhalothrin	BQL	0.05
19	Alpha cypermethrin	BQL	0.05
20	β -Cyfluthrin	BQL	0.05
21	Fenpropathrin	BQL	0.05
22	Bifenthrin	BQL	0.05
23	Pendimethalin	BQL	0.05
24	Fluchloralin	BQL	0.05
Carbamates & New molecules			
25	Spirotetramat	BQL	0.05
26	Chlorantraniliprole	BQL	0.05
27	Emamectin Benzoate	BQL	0.05
28	Fipronil	BQL	0.05
29	Fenpyroximate	BQL	0.05
30	Indoxacarb	BQL	0.05
31	Imidacloprid	BQL	0.05
32	Thiamethoxam	BQL	0.05
33	Carbaryl	BQL	0.05
34	Carbofuran	BQL	0.05
35	Carbofuran-3-hydroxy	BQL	0.05
36	Thiacloprid	BQL	0.05
37	Methomyl	BQL	0.05
38	Acetamiprid	BQL	0.05
39	Trifloxystrobin	BQL	0.05
40	Tebuconazole	BQL	0.05
41	Flubendiamide	BQL	0.05
42	Hexaconazole	BQL	0.05
43	Flusilazole	BQL	0.05
44	Tebufenpyrad	BQL	0.05
45	Carbosulfan	BQL	0.05

BQL – Below Quantitation Level & LOQ- Limit of Quantification





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Reference method: QuEChERS –PRRAL/MOA-07 which is referred to AOAC 18th Edition 2007:2007.17 and European union reference laboratory multi residue method.

.....End of the report.....

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(Authorized Signatory)

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