

ORIGINAL NOT NEGOTIABLE
Test Report Report Ref: 4061910339



In accordance with the order of M/s. Jalpaiguri Vivekananda Education Society ,15A, Hare Street, 1st Floor, Kolkata, West Bengal- 700001 , for the sample being deposited at the designated laboratory, we carried out the analysis of the sample.

Sample Details:	
Name of the Sample	: Mustard
Date of Receipt	: 12-Jun-2019
Job Ref No	: TR/3058/19-20
Place of receipt / Lab	: Gurgaon
Date of Issue	: 02-Jul-2019
Sample particulars	: Sample No. PG1, Village - Nawar, Farmers name - Radharaman Shukla, Block - Chhapiya, Cluster Name - Nawar Jaivik Samooh, Crop Name - Mustard, Sample Drawn Date- 22-04-2019, Sample collected by - Regional Council Deputy Director of Agriculture, Gonda, Sample deposited by - Jalpaiguri Vivekanand Educational Society (JVES), Lucknow. , Quantity : 524GM
Analysis Starting Date	: 12-Jun-2019
Analysis Completion Date	: 29-Jun-2019
Sample Condition	: Fit for analysis

Test Results

The above sample was analyzed by us and the results are as follows:

S.No	Test Parameter	Unit of Measurement	Test Method	Specification	Test Result
1	Argemone seed	%	IS 4333(Part-1): 1996	Absent	Absent
2	Insect damage matter	%	IS 3579: 1966	1 max	Nil
3	Moisture	%	IS 3579:1966	10 max	5.23
4	Damaged or Shrivelled seeds	%	IS 3579: 1966	2 max	0.50
5	Extraneous matter	%	IS 3579: 1966	2 max	0.20
6	Decamethrin/Deltamethrin	mg/kg	CommGrade/L3-GG N-FOO-009	0.5	BLQ(LOQ-0.01)
7	Dithiocarbamates (Ziram, mancozeb, maneb, Zineb)	mg/kg	CommGrade/L3-GG N-FOO-044	0.2	BLQ(LOQ-0.05)
8	Arsenic as As	mg/kg	CommGrade/L3-GG N-FOO-003	0.1	BLQ (LOQ=0.01)
9	Cadmium as Cd	mg/kg	CommGrade/L3-GG N-FOO-003	1.5	0.025
10	Lead as Pb	mg/kg	CommGrade/L3-GG N-FOO-003	0.1	0.02
11	Mercury as Hg	mg/kg	CommGrade/L3-GG N-FOO-003	1	BLQ (LOQ=0.01)

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12	Aflatoxin B1	µg/kg	CommGrade/L3-GG N-F00-011	-	BLQ(LOQ-2)
13	Aflatoxin B2	µg/kg	CommGrade/L3-GG N-F00-011	-	BLQ(LOQ-2)
14	Aflatoxin G1	µg/kg	CommGrade/L3-GG N-F00-011	-	BLQ(LOQ-2)
15	Aflatoxin G2	µg/kg	CommGrade/L3-GG N-F00-011	-	BLQ(LOQ-2)
16	Total Aflatoxins	µg/kg	CommGrade/L3-GG N-F00-011	15	BLQ(LOQ-2)
17	2,4-D	mg/kg	CommGrade/L3-GG N-FOO-009	0.01	BLQ(LOQ-0.01)
18	Aldrin, dieldrin (combination of aldrin and dieldrin expressed as dieldrin)	mg/kg	CommGrade/L3-GG N-FOO-009	0.01	BLQ(LOQ-0.01)
19	Chlorienvinphos (alpha and Beta isomers)	mg/kg	CommGrade/L3-GG N-FOO-009	0.025	BLQ(LOQ-0.01)
20	Cypermethrin (sum of isomers)	mg/kg	CommGrade/L3-GG N-FOO-009	0.2	BLQ(LOQ-0.01)
21	Dichlorvos (Dichloroacetaldehyde)	mg/kg	CommGrade/L3-GG N-FOO-009	1	BLQ(LOQ-0.01)
22	Fenthion (Sum of fenthion, its oxygen analogue and their sulphoxide expressed as fenthion)	mg/kg	CommGrade/L3-GG N-FOO-009	0.1	BLQ(LOQ-0.01)
23	Heptachlor (Heptachlor and its epoxide)	mg/kg	CommGrade/L3-GG N-FOO-009	0.01	BLQ(LOQ-0.01)
24	Phorate (Sum of phorate, phorate sulfone and phorate sulfoxide)	mg/kg	CommGrade/L3-GG N-FOO-009	0.05	BLQ(LOQ-0.01)
25	Malathion (sum of malathion and malaoxon expressed as malathion)	mg/kg	CommGrade/L3-GG N-FOO-009	4	BLQ(LOQ-0.01)
26	Benomyl	mg/kg	CommGrade/L3-GG N-FOO-009	0.5	BLQ(LOQ-0.01)
27	Carbaryl	mg/kg	CommGrade/L3-GG N-FOO-009	1.5	BLQ(LOQ-0.01)
28	Carbendazim	mg/kg	CommGrade/L3-GG N-FOO-009	0.5	BLQ(LOQ-0.01)
29	Carbofuran (Sum of Carbofuran and 3-hydroxy-carbofuran expressed as carbofuran)	mg/kg	CommGrade/L3-GG N-FOO-009	0.1	BLQ(LOQ-0.01)

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Testing Services from NCML

30	Chlordane (cis & trans)	mg/kg	CommGrade/L3-GG N-FOO-009	0.02	BLQ(LOQ-0.01)
31	Chlorpyrifos	mg/kg	CommGrade/L3-GG N-FOO-009	0.05	BLQ(LOQ-0.01)
32	Diazinon	mg/kg	CommGrade/L3-GG N-FOO-009	0.05	BLQ(LOQ-0.01)
33	Ethion (Residue to be determined as ethion and its oxygen analogue and expressed as ethion)	mg/kg	CommGrade/L3-GG N-FOO-009	0.025	BLQ(LOQ-0.01)
34	Fenitrothion	mg/kg	CommGrade/L3-GG N-FOO-009	0.02	BLQ(LOQ-0.01)
35	Gamma HCH (Lindane)	mg/kg	CommGrade/L3-GG N-FOO-009	0.1	BLQ(LOQ-0.01)
36	Hydrogen Cyanide	mg/kg	FSSAI Manual of Methods	37.5	BLQ(LOQ-5)
37	Hydrogen Phosphide	mg/kg	FSSAI Manual of Methods	Nil	BLQ(LOQ-0.01)
38	Inorganic Bromide	mg/kg	FSSAI Manual of Methods	25	BLQ(LOQ-5)
39	Iprodione	mg/kg	CommGrade/L3-GG N-FOO-009	0.5	BLQ(LOQ-0.01)
40	Monocrotophos	mg/kg	CommGrade/L3-GG N-FOO-009	0.025	BLQ(LOQ-0.01)
41	Oxydemeton methyl	mg/kg	CommGrade/L3-GG N-FOO-009	0.02	BLQ(LOQ-0.01)
42	Paraquat Dichloride (Determined as Paraquat cations)	mg/kg	CommGrade/L3-GG N-FOO-009	0.1	BLQ(LOQ-0.01)
43	Phenthoate	mg/kg	CommGrade/L3-GG N-FOO-009	0.03	BLQ(LOQ-0.01)
44	Phosalone	mg/kg	CommGrade/L3-GG N-FOO-009	0.05	BLQ(LOQ-0.01)
45	Phosphamidon residue (expressed as the sum of phosphamidon and its desethyl derivative)	mg/kg	CommGrade/L3-GG N-FOO-009	0.05	BLQ(LOQ-0.01)
46	Pirimiphos Methyl	mg/kg	CommGrade/L3-GG N-FOO-009	5	BLQ(LOQ-0.01)



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47	Pyrethrins (sum of pyrethrins I & II and other structurally related insecticide Ingredients of pyrethrum)	mg/kg	CommGrade/L3-GG N-FOO-009	nil	BLQ(LOQ-0.01)
48	Thiometon(residue determined as thiometon its sulfoxide and sulphone expressed as thiometon)	mg/kg	CommGrade/L3-GG N-FOO-009	0.025	BLQ(LOQ-0.01)
49	Trichlorfon	mg/kg	CommGrade/L3-GG N-FOO-009	0.05	BLQ(LOQ-0.01)

Remark/ Abbreviations: BLQ = Below Limit of Quantification. LOQ = Limit of Quantification.

Authorized By
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Quality Analyst Supervisor

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