



Eko Pro Engineers Pvt. Ltd.

(EKO TESTING LABS)[®]

Competence | Quality | Service



ULR:TC420125000000981F

TEST REPORT

Food Sample Analysis

Test Report No : EKO/F-019/070425 - A

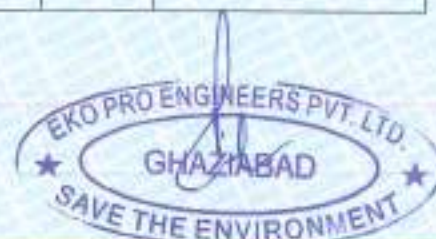
Issue Date : 18/04/2025

: Pratithi Organic Foods Pvt Ltd
 Khewat No 423/1 and 3 Farnana Road , Gunna ,
 Sonapat , Haryana -131408 India.

Sample Name : Organic Black Mustard Oil
 Sample Drawn by : Given by Client
 Sampling Method : NA
 Sample Packaging : Plastic Bottle
 Lot No / Batch No : D25BMO001
 Mfg. Date : NA
 Exp. Date : NA
 Sample Received on : 07/04/2025
 Analysis Duration : 07/04/2025 To 16/04/2025
 Customer Reference No. : NA
 Sample Quantity : 350ml
 Remark (if any) : NA

RESULTS

S. No.	PARAMETERS	TEST METHODS	RESULTS	UNITS	Specification as per FSSR-2011
Chemical Parameters:-					
1	Free from Rancidity	Manual for analysis of oils and fats (02.009):2021	Complies	-	Complies
2	Added Colouring Matter	Manual for analysis of Food additives (4.0):2016	Absent	-	Absent
3	Eutyro-refractometer of extracted Fat at 40 degree Celsius	FSSAI 01.088:2022 Manual of Method of analysis of foods (Dairy & Dairy Products)	59.8	-	58.0 - 60.5
4	Refractive index at 40 degree Celsius	FSSAI 02.003:2021 Manual of Methods of Analysis of Food (Oil & Fat) : 2021	1.4652	-	1.4646 to 1.4662
5	Acid Value	FSSAI 02.009:2021 Manual of Methods of Analysis of Food (Oil & Fat) : 2021	2.81	%	Max 6.0
6	Iodine Value	FSSAI 02.010:2021 Manual of Methods of Analysis of Food (Oil & Fat) : 2021	99.8	mg/kg	96 - 112
7	Saponification Value	FSSAI 02.007:2021 Manual of Methods of Analysis of Food (Oil & Fat) : 2021	172.1	-	168 - 177
8	Unsataponifiable matter	FSSAI 02.008:2021 Manual of Methods of Analysis of Food (Oil & Fat) : 2021	0.91	-	Max 1.2
9	Allyl isothiocyanate	IS 548:Part 1:Sec 2:2021	0.26	-	-





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Adulterants:-

1	Elaidoin Test	FSSAI 02.013:2021 Manual of Methods of analysis of Food (Oil & Fat) : 2021	Negative	-	Negative
2	Haiphen 's Test	FSSAI 02.014:2021 Manual of Methods of analysis of Food (Oil & Fat) : 2021	Negative	-	Negative
3	Polybromide Test	FSSAI 02.018:2021 Manual of Methods of analysis of Food (Oil & Fat) : 2021	Negative	-	Negative
4	Argemone Oil	FSSAI 02.032:2021 Manual of Methods of analysis of Food (Oil & Fat) : 2021	Negative	-	Negative
5	Test for Presence of Castor Oil	FSSAI 02.031:2021 Manual of Methods of analysis of Food (Oil & Fat) : 2021	Negative	-	Negative
6	Test for Hydrocyanic Acid	FSSAI 02.034:2021 Manual of Methods of analysis of Food (Oil & Fat) : 2021	Negative	-	Negative
7	Test for Presence of Linseed Oil	IS 548 (P-1) Sec-2:2021	Negative	-	Negative

Contaminants:-

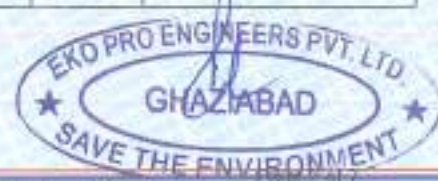
1	Total Aflatoxins	EKO/CHEM/SOP/FL-012	BLQ(LOQ-1.0)	µg/kg	Max 15.0
2	Aflatoxin B1	EKO/CHEM/SOP/FL-012	BLQ(LOQ-1.0)	µg/kg	Max 10.0

Heavy Metals:-

1	Cadmium (as Cd)	EKO/CHEM/SOP/FL-005	BLQ(LOQ-0.1)	mg/kg	Max 1.5
2	Mercury (as Hg)	EKO/CHEM/SOP/FL-005	BLQ(LOQ-0.1)	mg/kg	Max 1.0
3	Lead (as Pb)	EKO/CHEM/SOP/FL-005	BLQ(LOQ-0.1)	mg/kg	Max 0.1
4	Copper (as Cu)	EKO/CHEM/SOP/FL-005	BLQ(LOQ-0.1)	mg/kg	Max 30
5	Arsenic (as As)	EKO/CHEM/SOP/FL-005	BLQ(LOQ-0.1)	mg/kg	Max 0.1
6	Tin (as Sn)	EKO/CHEM/SOP/FL-005	BLQ(LOQ-0.1)	mg/kg	Max 250
7	Methyl Mercury [Calculated as Element]	EKO/CHEM/SOP/FL-005	BLQ(LOQ-0.1)	mg/kg	Max 0.25

Additives:-

1	Propyl Gallate	Manual for analysis of food Additives:2016	BLQ(LOQ-10.0)	mg/kg	Max 200.0
2	Ascorbyl Palmitate	Manual for analysis of food Additives:2016	BLQ(LOQ-50.0)	mg/kg	Max 500.0
3	Bulylated Hydroxyanisole	Manual for analysis of food Additives:2016	BLQ(LOQ-10.0)	mg/kg	Max 200.0
4	Bulylated Hydroxytoluene	Manual for analysis of food Additives:2016	BLQ(LOQ-10.0)	mg/kg	Max 200.0
5	TBHQ	Manual for analysis of food Additives:2016	BLQ(LOQ-10.0)	mg/kg	Max 200.0





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Fatty Acid Profile:-

1	C6:0, Hexanoic acid (Caproic acid)	EKO/CHEM/SOP/FL-02	BLQ (LOQ-0.01)	g/100g	Not Detected
2	C8:0, Octanoic acid (Caprylic acid)	EKO/CHEM/SOP/FL-02	BLQ (LOQ-0.01)	g/100g	Not Detected
3	C10:0, Decanoic acid (Capric acid)	EKO/CHEM/SOP/FL-02	BLQ (LOQ-0.01)	g/100g	Not Detected
4	C12:0 Dodecanoic acid and (lauric acid)	EKO/CHEM/SOP/FL-02	BLQ (LOQ-0.01)	g/100g	Not Detected
5	C14:0, Tetradecanoic acid (Myristic acid)	EKO/CHEM/SOP/FL-02	0.19	g/100g	ND - 1.0
6	C16:0, Hexadecanoic acid (Palmitic acid)	EKO/CHEM/SOP/FL-02	3.03	g/100g	0.5 - 5.0
7	C16:1, Methyl Palmitoleate (Methyl Cis-9-Hexadecenoate)	EKO/CHEM/SOP/FL-02	0.39	g/100g	ND - 0.5
8	C17:0 Methyl Heptadecanoate	EKO/CHEM/SOP/FL-02	BLQ (LOQ-0.01)	g/100g	ND
9	C17:1 cis-10-Heptadecenoic acid	EKO/CHEM/SOP/FL-02	BLQ (LOQ-0.01)	g/100g	ND
10	C18:0, Octadecanoic acid (Stearic acid)	EKO/CHEM/SOP/FL-02	1.50	g/100g	0.5 - 2.0
11	C18:1 (cis 9) 9 - Octadecenoic acid (Oleic acid)	EKO/CHEM/SOP/FL-02	10.49	g/100g	8.0 - 23
12	C18:2 (cis 9,12) 9,12-Octadecadienoic acid (Linoleic acid)	EKO/CHEM/SOP/FL-02	13.87	g/100g	10.0 - 24.0
13	C18:3 (cis 9,12,15) 9,12,15-Octadecatrienoic acid	EKO/CHEM/SOP/FL-02	9.02	g/100g	6.0 - 16.0
14	C20:0, Methyl Arachidate	EKO/CHEM/SOP/FL-02	1.21	g/100g	ND - 1.5
15	C20:1, Methyl cis-11-eicosadienoate	EKO/CHEM/SOP/FL-02	6.29	g/100g	5.0 - 13.0
16	C20:2, cis-11-14-Eicosadienoic acid methyl ester (Methyl cis-11,14-eicosadienoate)	EKO/CHEM/SOP/FL-02	0.93	g/100g	ND - 1.0
17	C22:0 Methyl Behenate	EKO/CHEM/SOP/FL-02	1.97	g/100g	0.2 - 2.5
18	C22:1, Methyl Erucate (Cis-13-docosenoate) (Methyl cis-13-Docosenoate)	EKO/CHEM/SOP/FL-02	47.12	g/100g	40.0 - 58.0
19	C22:2, cis-13-16-Docosadienoic acid methyl ester	EKO/CHEM/SOP/FL-02	0.93	g/100g	ND-1.0
20	C24:0 Methyl Lignocerate (Methyl Tetracosanoate)	EKO/CHEM/SOP/FL-02	0.75	g/100g	ND-0.8
21	C24:1 Methyl Nervonate (Methyl cis-15-tetracosenoate)	EKO/CHEM/SOP/FL-02	2.32	g/100g	0.5 - 2.5

Pesticides:-

1	Dichlorvos (DDVP) (content of dichloroacetaldehyde (DCA) be reported where possible)	EKO/CHEM/SOP/FL-062	BLQ (LOQ-0.01)	mg/kg	Max 0.01
2	Methyl Parathion	EKO/CHEM/SOP/FL-062	BLQ (LOQ-0.01)	mg/kg	Max 0.01





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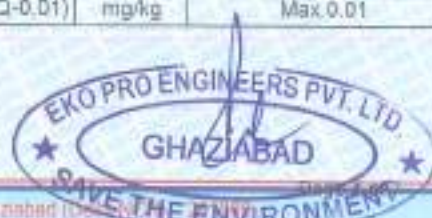
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3	Oxydemeton-Methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
4	Phenthoate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
5	Imazamox	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.02
5	Phosalone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.05
6	Cumalaphos	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.1
7	Trichlorfon	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.05
8	Bifenthrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
9	Bitertanol	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
10	Carbendazim	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
11	Deltamethrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
12	Ethion	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
13	Fenazaquin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
14	Fenpropathrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
15	Fluvalinate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
16	Glyphosate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
17	Flubendamide	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
18	Emanectin Benzoate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
19	Glufosinate-ammonium	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
20	Hexaconazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
21	Paraquat Dichloride	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
22	Propargite	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
23	Propiconazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
24	Triacloprid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
25	Chlothianidin (Chlothianidin and its metabolites (TMG) (TZMU) (MNG , TMG)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
26	Etoazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
27	2,4-Dichlorophenoxy Acetic Acid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
28	Acephate (Expressed as mixture of Methamidophos and acephate)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
29	Acetamiprid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
30	Alachlor	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
31	Alpha Cypermethrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.05
32	Alpha naphthyl Acetic Acid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
33	Ametroctradin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
34	Anilophos	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
35	Atrazine	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
36	Azoxystrobin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
37	Benfucarb	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
38	Sum of Benomyl and Carbendazim expressed as carbendazim	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
39	Beta Cyfluthrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
40	Buprofezin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01





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41	Butachlor	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
42	Captan	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
43	Carbaryl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
44	Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.10
45	Carbosulfan	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
46	Carfentrazone Ethyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
47	Carpropamid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
48	Cartap Hydrochloride	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
49	Chlorantraniliprole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
50	Chlormequat Chloride (CCC)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
51	Chlorothalonil	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
52	Chlorpropham	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
53	Cledinafop-Propargyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
54	Cyantranilipole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
55	Cyazofamid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
56	Cyhalofop-butyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
57	Cymoxanil	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
58	Cypermethrin (sum of isomers) (Fat soluble residue)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.20
59	Diclofop (sum of o,p' and p,p isomers)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
60	Diffubenzuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
61	Dimethoate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
62	Dimethomorph	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
63	Dithiocarbamates (the residue tolerance limit are determined and expressed as mg/CS ₂ /kg and refer separately to the residues arising from any or each group of dithiocarbamates)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
64	Mancozeb	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.1
65	Meliram as CS ₂	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
66	Zineb as CS ₂	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
67	Ethephon	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
68	Ethoxysulfuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
69	Fenarimol	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
70	Fenpyroximate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
71	Fenvalerate (Fat Soluble residue)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
72	Flonicamid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
73	Fosety -Al	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
74	Hexazinone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01





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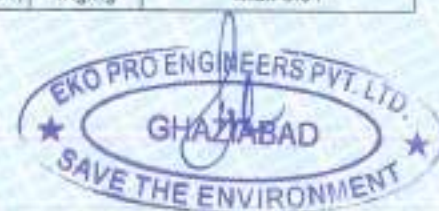
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75	Hexythiazox	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
76	Malathion (Malathion to be determined and expressed as combined residues of malathion and malexon)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
77	Metalaxyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
78	Metolachlor	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
79	Metribuzin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
80	Monocrotophos	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
81	Myclobutanil	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
82	Novaluron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
83	Oxadiazyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.05
84	Oxadiazon	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
86	Oxyfluorfen	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
87	Penconazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
88	Pendimethalin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
89	Permethrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
90	Phorate (sum of phorate, its oxygen analogue and their sulphoxides and sulphones expressed as phorate)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
91	Pretlachlor	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
92	Profenophos	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
93	Propineb	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
94	Pyrazosulfuron ethyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
95	Quazafop Ethyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
96	Spinosad	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)		Max 0.01
97	Sulfosulfuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
98	Thiomethoxam	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
99	Thiophanate - Methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
100	Triscontanol	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
101	Triallate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
102	Tricyclazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
103	Tridemorph	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
104	Topramezone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
105	2,4 -D Amine Salt	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
106	Ametyrn	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
107	Fomesafen	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
108	Cyflumetofen	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
109	Boscalid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
110	Spirotetramet	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01





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Remarks:- The Submitted Sample Conforms as per FSSR-2011, with respect to above tested parameters Only.

Notes :

1. The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer.
5. Responsibility of the Laboratory is limited to the invoiced amount only.
6. BLQ= Below Limit Quantification
7. LOQ= Limit Of Detection.

**** End of Report****



**TEST REPORT****Food Sample Analysis**

Test Report No : EKO/F-019/070425-B

Issue Date : 18/04/2025

: Pratithi Organic Foods Pvt Ltd
 Khewat No 423/1 and 3 Farmans Road, Guhna,
 Sonapat, Haryana -131408 India

Sample Name : Organic Black Mustard Oil
 Sample Drawn by : Given by Client
 Sampling Method : NA
 Sample Packaging : Plastic Bottle
 Lot No / Batch No : D25BMO001
 Mfg. Date : NA
 Exp. Date : NA
 Sample Received on : 07/04/2025
 Analysis Duration : 07/04/2025 To 16/04/2025
 Customer Reference No. : NA
 Sample Quantity : 350ml
 Remark (if any) : NA

RESULTS

S. No.	PARAMETERS	TEST METHODS	RESULTS	UNITS	Specification as per FSSAI-2011
Pesticides:-					
1	Chlorpyrifos	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
2	Lambda Cyhalothrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
3	Azinphosmethyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
4	Bensulfuron Methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
5	Bispyribac Sodium	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
6	Chlorantraniliprole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
7	Cyfluthrin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
8	Clomazone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
9	Diflufenican	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
10	Difenoconazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
11	Dinocap	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
12	Dinotefuran	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
13	Dithianon	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
14	Ethylene bis-dithiocarbamates	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
15	Diuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
16	Dodine	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
17	Edifenphos	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
18	Epoxiconazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
19	Ethofenprox (Etofenprox)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
20	Fenoxadone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
21	Fenamidone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01





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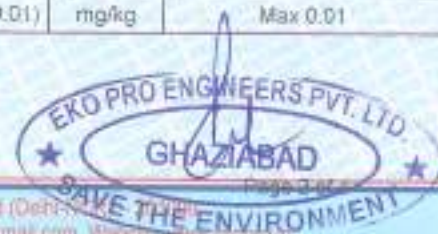
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Test Report No : EKO/F-019/070425-B

Issue Date : 18/04/2025

22	Fenobucarb (BPMC)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
23	Fenoxaprop-p-ethyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
24	Flipronil	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
25	Fluazifop-p-butyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
26	Fluchloralin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
27	Flufenacet	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
28	Flusilazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
29	Forchlorfenuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
30	Halosulfuron methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
31	Hydrogen Cyanamide	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
32	Iodosulfuron Methyl Sodium	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
33	Imazethapyr	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
34	Imidacloprid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
35	Indoxacarb	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
36	Iprobenfos (Klazin)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
37	Iprodione	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.5
38	Isoprotolane	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
39	Isoproturon	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
40	Kasugamycin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
41	Kresoxim Methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
42	Mandipropamid	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
43	Mepiquat Chloride	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
44	Mesosulfuron Methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
45	Metasulfuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
46	Metaxyl-M	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
47	Methabenzthiazuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
48	Methomyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
49	Methyl Chlorophenoxy Acetic Acid (MCPA)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
50	Methyl Parathion (combined residues of methyl parathion and its oxygen analogue to be determined and expressed as methyl parathion)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
51	Metsulfuron Methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
52	Milbemectin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
53	Orthosulfamuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
54	Paclobutrazol	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
55	Pericycuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
56	Penoxsulam	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
57	Picoxystrobin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
58	Pinoxaden	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
59	Pirimiphos-methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
60	Prohexadione Calcium	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
61	Propaquizafop	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01





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62	Pyraclostrobin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
63	Pyridalyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
64	Pyriproxyfen	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
65	Pyriproxyfen Sodium	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
66	Pyrimethanil	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
67	Quazalofop-p-Isopropyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
68	Sodium Aceflurofen	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
69	Spiromesifen	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
70	Thiophanate-methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
71	Thiodicarb	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
72	Thiomethon (Residues determined as thiomethon its sulfoxide and sulphone expressed as thiomethon)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
73	Tolifenpyrad	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
74	Trioxystrobin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
75	Trisulfuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
76	Triazophos	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
77	Trifluralin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
78	Validamycin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
79	Fluopicolide	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
80	Tembutorione	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
81	Propanil	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
82	Fluopyram and its metabolites	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
83	Thiocyclam Hydrogen Oxalate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
84	Spinetoram and its metabolites (Spinosyn-J and Spinosyn-L)	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
85	Sodium Para Nitro Phenolate	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
86	Bentazone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
87	Flucetosulfuron	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
88	Haloxypyr-R-Methyl	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
89	Sulfentrazone and its metabolite Desmethylsulfentrazone and 3-Hydroxymethylsulfentrazone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
90	Metrafenone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
91	Fluxapyrod	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
92	Tetraconazole	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
93	Abamectin	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
94	Flupyradifurone and its metabolites Difluoroacetic Acid and Difluoroethylamino-Furanone	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01
95	Sulfosafar	EKO/CHEM/SOP/FL-062	BLQ(LOQ-0.01)	mg/kg	Max 0.01





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Test Report No : EKO/F-019/070425-B

Issue Date : 18/04/2025

Remarks:- The Submitted Sample Conforms as per FSSR-2011, with respect to above tested parameters Only.

Notes :

1. The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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7. L.O.Q= Limit Of Detection.

** End of Report**

