

TEST REPORT

Issued to: Amal Farm Solutions Pvt. Ltd.
 Shrachi Ek Tower, Office 6C, Unit-6,
 Action Area-II D, Newtown Rajarhat,
 New Town, North Twenty Four Parganas,
 West Bengal- 700161

J.O. No.: FL/FA/11102024-141
 ULR Code: TC5503 24 0 00082180 F
 Report Date: 16/10/2024
 Sample Receipt Date: 11/10/2024
 Account Manager: BD Team 1
 Credit Manager: Gulab/Septesh

Customer Provided Information:

Nature/Name of the Sample

: Masoor Dal

Laboratory Provided Information:

Sample Quantity

: 1x516g, Sealed Polypack

Date of Performance of Test

: 11th - 16th Oct, 2024

Method of Sampling

: The Sample is provided by Amal Farm Solutions Pvt. Ltd., through Courier.



Analysis Report

FSSR, Clause No.:- 2.4.6.22 (Pulses)

S. No.	Parameter	Test Result	FSSR, 2011	Protocol
Physical & Chemical Analysis:				
1	Moisture, % by wt.	11.04	NMT 12	FSSAI Manual for cereal and cereal products, 2016
2	Foreign matter/Extraneous matter,% by wt.	ND, [DL-0.01]	NMT 1	IS 4333 (P-1)
3	Other Edible grains, % by wt.	ND, [DL-0.01]	NMT 2	IS 4333 (P-1)
4	Damaged grain, % by wt.	0.70	NMT 2	IS- 4333 (P-1)
5	Weevilled grain, % by wt.	ND, [DL-0.1]	Not Specified	IS- 4333 (P-1)
6	Total of Foreign Matter, Other Edible & Dmaged, %	0.76	Not Specified	IS-2813
7	Uric Acid, mg/kg	ND, [DL-1]	NMT-100	FL/SOP/HPLC-21

ND=Not Detected; DL=Detection Limit; NMT=Not More than

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Authorised Signatory
 Mr. Piyush Jai Mallick, Scientist C

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Heavy Metals:				
1	Lead, mg/kg	BLQ, [LOQ-0.1]	NMT 10	FL/SOP/12-03
2	Copper, mg/kg	3.72	NMT 30	FL/SOP/12-03
3	Arsenic, mg/kg	BLQ, [LOQ-0.1]	NMT 5	FL/SOP/12-03
4	Tin, mg/kg	BLQ, [LOQ-0.2]	NMT 250	FL/SOP/12-03
5	Cadmium, mg/kg	BLQ, [LOQ-0.1]	NMT 1.5	FL/SOP/12-03
6	Mercury, mg/kg	BLQ, [LOQ-0.1]	NMT 1.0	FL/SOP/12-03
7	Methyl Mercury Calculated as element, mg/kg	BLQ, [LOQ-0.1]	NMT 0.25	FL/SOP/12-03

BLQ=Below Limit of Quantification; **LOQ**=Limit of Quantification; **NMT**=NMT

Ankit
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Authorised Signatory
 Mr. Mithilesh Kumar, Scientist-B

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S. No.	Parameter	Test Result	FSSR, 2011	Protocol
Other contaminant , mg/kg				
1	Melamine	BLQ, [LOQ-0.25]	NMT 2.5	FL/SOP/04-02
Naturally Occurring Toxic Materials				
1	Agaric acid, mg/kg	ND, [DL-1]	Not Specified	FL/SOP/01-25
2	Hypericine, mg/kg	ND, [DL-0.5]	Not Specified	FL/SOP/01-26
3	Hydrocyanic acid, mg/kg	ND, [DL-0.2]	Not Specified	FL/SOP/FC-117
4	Safrole, mg/kg	ND, [DL-1]	Not Specified	FL/SOP/02-28
Mycotoxins(µg/kg)				
1	Total Aflatoxins	BLQ, [LOQ-4]	NMT 15	FL/SOP/04-01
2	Aflatoxin B1	BLQ, [LOQ-1]	NMT 10	FL/SOP/04-01

ND=Not Detected; DL=Detection Limit; NMT=NMT; LOQ=Limit of Quantification; BLQ=Below Limit of Quantification

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Pesticide Residues:-mg/kg				
1	2,4-Dichlorophenoxy Acetic Acid	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
2	Sum of benomyl and carbendazim expressed as carbendazim	BLQ, [LOQ-0.01]	NMT 0.5	FL/SOP/03-01
3	Carbaryl	BLQ, [LOQ-0.01]	NMT 1.5	FL/SOP/03-01
4	Carbendazim	BLQ, [LOQ-0.01]	NMT 0.1	FL/SOP/03-01
5	Carbofuran	BLQ, [LOQ-0.01]	NMT 0.1	FL/SOP/03-01
6	Chlorpyrifos	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
7	Deltamethrin	BLQ, [LOQ-0.01]	NMT 2	FL/SOP/05-01
9	Dithiocarbamates as CS2	BLQ, [LOQ-0.01]	NMT 0.2	FL/SOP/05-04
10	Ethion	BLQ, [LOQ-0.01]	NMT 0.03	FL/SOP/05-01
11	Malathion	BLQ, [LOQ-0.01]	NMT 4	FL/SOP/05-01
12	Monocrotophos	BLQ, [LOQ-0.01]	NMT 0.03	FL/SOP/03-01
13	Oxydemeton-Methyl	BLQ, [LOQ-0.01]	NMT 0.02	FL/SOP/03-01
14	Paraquat dichloride	BLQ, [LOQ-0.01]	NMT 0.1	FL/SOP/03-01
15	Phenthoate	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
16	Phorate	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
17	Pirimiphos-methyl	BLQ, [LOQ-0.01]	NMT 7	FL/SOP/05-01
18	Thiometon	BLQ, [LOQ-0.01]	NMT 0.03	FL/SOP/05-01
19	Trichlorfon	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/03-01

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Banned Pesticides, mg/kg				
1	Aldicarb	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
2	Aldrin	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
3	Dieldrin	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
4	Chlordane	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
5	Heptachlor	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
6	Lindane (Gamma-HCH)	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
7	Endosulfan	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
8	Methomyl	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
9	Phosphamidon	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
10	Captafol	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
11	Formothion	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
12	Simazine	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
13	Diazinon	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
14	2,4-DDD	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
15	4,4-DDD	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
16	2,4-DDE	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
17	4,4-DDE	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
18	2,4-DDT	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
19	4,4-DDT	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
20	Fenitrothion	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
21	Fenthion	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
22	Methyl Parathion	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
23	Ethyl Parathion	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-01
24	Ferbam as CS2	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-04

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****End of Report****

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