

TEST REPORT

Issued to: KD Organics

Village-Garhi Nawabad, Tehsil-Budhana,
 Muzaffarnagar, Western U.P. 251309
 FSSAI No. 22723391000161

J.O. No.: FL/FA/29042025-484

ULR Code: TC5503 25 0 00055933 F

Report Date: 05/05/2025

Sample Receipt Date: 29/04/2025

Account Manager: BD Team 13

Credit Manager: Gulab Singh

Customer Provided Information:

Nature/Name of the Sample

Pkd Date

Best Before

Brand Name

Packed & Marketed by

: Jaggery Powder

: 04/2025

: 02/2026

: Kissan Direct Organic

: Kharar Ludhiana Road, Village-Khanpur,
 Mohali, Punjab-140301

Laboratory Provided Information:

Sample Quantity

Date of Performance of Test

Method of Sampling

: 1x500g, Sealed Polypack

: 29th April – 05th May, 2025

: The Sample is provided by KD Organics
 at the premises of FARE Labs.



Analysis Report

Physical Description: Jaggery powder is light brown in colour and Free From Foreign Matter.

S. No.	Parameter	Test Result	FSSR, 2011	Protocol
Chemical Analysis:				
1	Total Sugar, g/100g	93.25	NLT-90.0	FSSAI Manual-4
2	Sucrose, g/100g	78.96	NLT-70.0	FSSAI Manual-4
3	Total Ash, g/100g	2.00	Not Specified	FSSAI Manual-4
4	Acid insoluble ash, g/100g	0.02	NMT-0.5	FSSAI Manual-4
5	Extraneous Matter	Absent	NMT-2.0	FSSAI Manual-4

NLT=Not Less Than; **NMT**=Not More Than

Reviewed By

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Authorised Signatory
 Mr. Piyush Jai Mallick, Scientist C

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Heavy Metals:				
1	Lead, mg/kg	BLQ, [LOQ-0.05]	NMT 5.0	FL/SOP/12-36
2	Copper, mg/kg	BLQ, [LOQ-0.1]	NMT 30	FL/SOP/12-36
3	Arsenic, mg/kg	BLQ, [LOQ-0.05]	NMT 1.1	FL/SOP/12-36
4	Tin, mg/kg	BLQ, [LOQ-0.5]	NMT 250	FL/SOP/12-36
5	Cadmium, mg/kg	BLQ, [LOQ-0.05]	NMT 1.5	FL/SOP/12-36
6	Mercury, mg/kg	BLQ, [LOQ-0.1]	NMT 1.0	FL/SOP/12-36
7	Methyl Mercury Calculated as element, mg/kg	BLQ, [LOQ-0.1]	NMT 0.25	FL/SOP/12-36

BLQ=Below Limit of Quantification; LOQ=Limit of Quantification; NMT=Not More Than

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Authorised Signatory
 Mr. Mithilesh Kumar, Scientist-B



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S. No.	Parameter	Test Result	FSSR, 2011	Protocol
1	Melamine, mg/kg	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	Saffrole, mg/kg	ND, [DL-1]	Not Specified	FL/SOP/02-28

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

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TC-5503

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S. No.	Parameter	Test Result	FSSR, 2011	Protocol
Pesticide Residues, mg/kg:				
1	2,4-Dichlorophenoxy Acetic Acid	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/03-01
2	Atrazine	BLQ, [LOQ-0.01]	NMT 0.25	FL/SOP/03-01
3	Bifenthrin	BLQ, [LOQ-0.01]	NMT 0.03	FL/SOP/05-01
4	Carbofuran	BLQ, [LOQ-0.01]	NMT 0.1	FL/SOP/03-01
5	Chlorantraniliprole	BLQ, [LOQ-0.01]	NMT 0.5	FL/SOP/03-01
6	Chlothianidin	BLQ, [LOQ-0.01]	NMT 0.4	FL/SOP/03-01
7	Diuron	BLQ, [LOQ-0.01]	NMT 0.02	FL/SOP/03-01
8	Fipronil	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
9	Halosulfuron methyl	BLQ, [LOQ-0.01]	NMT 0.03	FL/SOP/03-01
10	Hexazinone	BLQ, [LOQ-0.01]	NMT 0.02	FL/SOP/03-01
11	Hydrogen Cyanamide as Cyanamide	BLQ, [LOQ-0.01]	NMT 0.03	FL/SOP/01-126
12	Imidacloprid	BLQ, [LOQ-0.01]	NMT 0.1	FL/SOP/03-01
13	Metribuzin	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
14	Metsulfuron Methyl	BLQ, [LOQ-0.01]	NMT 0.02	FL/SOP/03-01
15	Phorate	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/05-01
16	Thiamethoxam	BLQ, [LOQ-0.01]	NMT 0.05	FL/SOP/03-01
17	Ametyrn	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	Monocrotophos	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/03-01
25	Ferbam as CS2	BLQ, [LOQ-0.01]	NMT 0.01	FL/SOP/05-04

BLQ=Below Limit of Quantification; **LOQ**=Limit of Quantification; **NMT**=Not More Than
Inference: The tested sample **conforms** to FSSR, 2011 w.r.t. above test.

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****End of Report****