

TEST REPORT

Issued to: KD Organics

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

J.O. No.: FL/FA/29042025-483
 ULR Code: TC5503 25 0 00055932 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 Cubes/Bites**
 : 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: Cubes/bites are light brown in colour and Free From Foreign Matter.

| S. No. | Parameter | Test Result | FSSR, 2011 | Protocol |
|---------------------------|----------------------------|-------------|---------------|----------------|
| Chemical Analysis: | | | | |
| 1 | Total Sugar, g/100g | 94.50 | NLT-90.0 | FSSAI Manual-4 |
| 2 | Sucrose, g/100g | 78.90 | NLT-70.0 | FSSAI Manual-4 |
| 3 | Total Ash, g/100g | 2.06 | Not Specified | FSSAI Manual-4 |
| 4 | Acid insoluble ash, g/100g | 0.03 | 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. Priyush 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

Reviewed By

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Authorised Signatory
 Mr. Mithilesh Kumar, Scientist-B



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|---|-------------------------|-----------------|---------------|---------------|
| 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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| 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 | Captan | 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****