

**Government of Jammu and Kashmir**  
**Directorate of Food, Civil Supplies & Consumer Affairs, Jammu.**  
(Nehru market, ware house, Jammu, e-mail : dirfcsca-jmu@jk.gov.in)

**The General Manager,  
Food Corporation of India,  
Jammu**

**No: DFCS&CAJ/P&S/2026-27/ 530-32**

**Dated:- 07.08.2026**

**Sub: Replacement of 1545.00 qtls. of wheat from the stores of Marwah and Warwan District Kishtwar.**

**Ref: 1) Enquiry Report No. 189-193/TM/Gen dated 30.06.2026 from Tehsildar Office Marwah.**  
**2) DFCS&CAJ/19-F/2026-27/415-419 dated 01.07.2026 of Directorate of FCS&CA-Jammu.**  
**3) Report No. JK-431/AUG/26/445, JK-432/AUG/26/ 446, JK-433/AUG/26/ 447, JK-434/AUG/26/448, JK-435/AUG/26/449 & JK-436/AUG/26/ 450 dated 03.08.2026 from National Food Laboratory, Ghaziabad.**

**Sir,**

On the subject and references captioned above, it is intimated that the Director, Department of FCS & CA-Jammu visited Marwah & Warwan on **21-06-2026** for conducting the inspection of departmental stores. During the tour, it was brought to the notice of the Worthy Director that the quality of the wheat being distributed under PDS to the beneficiaries is very poor and the flour taste bitter.

Further, the local Administration Tehsildar and Sub Divisional Magistrate also shared the same inputs besides, upon physical verification, the substance in the plea of the public was prima facie found. Based on such inputs when it was further enquired it was told that the then General Manager, FCI and Divisional Manager Lethpora were apprised about the poor quality of wheat procurement but they were not agreeing to it. Thus, it was decided to get the sample testing done through Food Safety and Standards Authority of India.

Subsequently, the laboratory reports have been received from National Food Laboratory Ghaziabad through email wherein it has been reported that those wheat samples shows **Foreign Matter (Extraneous Matter), Mineral Matter and Ergot affected grains above the maximum prescribed limit.** The sample found **substandard under section 3(1)(zx) and unsafe under Section 3(1)(zz)(xi) of FSS Act, 2006.**

Accordingly, it is intimated that **1545.00 qtls. of wheat (895.00 qtls. at Marwah & 650.00 qtls. at Warwan)** is still lying in the respective stores as reported by the TSOs whose further distribution has been stopped after receiving the reports. As such, I am directed to request you to lift the above mentioned quantity of wheat on war footing basis and replace the same with good quality wheat as per the policy.

Further, it may be ensured that the wheat supplied in future be put to all chemical tests before dispatches and action taken against the delinquent.

**Encl: A/a**

Yours faithfully  
  
**Deputy Director (P&S)**  
**Department of FCS&CA**  
**Jammu**

**Copy to the:**

- 1) Commissioner Secretary to the Govt., Department of FCS&CA, Civil Secretariat, UT-J&K for kind information.**
- 2) Assistant Director, Department of FCS&CA – Kishtwar for information and necessary action.**

**Government of Jammu & Kashmir**  
**Directorate of Food, Civil Supplies & Consumer Affairs**  
**Near Nehru Market, Warehouse, Jammu- 180001 (J&K)**  
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The Commissioner,  
Food Safety Department,  
Srinagar (J&K)

**Dated: 1.07.2026**

**No: DFCS&CA 3/19-F/2024-27/415-419**

**Sub: Quality verification and Lab Testing Recommendation for PDS Wheat distribution – regarding.**

Sir,

During a public grievance redressal meeting held at Marwah/Warwan on 21.06.2026, serious concerns were raised by the local public regarding the distribution of poor-quality and bitter-tasting wheat under the Public Distribution System (PDS). Therefore, the Local Magistrate was requested to examine the issue.

Subsequently, the Tehsildar, Marwah, vide communication No. 189-193/TM/Gen dated 30.06.2026, has recommended to take immediate steps for dispatch of sealed samples of wheat, to a certified Food Testing Laboratory for analysis of pesticide residue, mycotoxins, uric acid and alcoholic acidity etc. to come to conclusion about the hidden causes of bitterness as alleged by the public.

Therefore, you are requested to immediately depute a team of Food Safety Officers to collect random samples of wheat from the **Government Sale Depots at Qaderana, Chanjer, and Nowpachi area**. These samples may please be dispatched to an accredited/certified Food Testing Laboratory for comprehensive analysis, specifically targeting:

- **Pesticide residue**
- **Mycotoxins**
- **Uric acid levels**
- **Alcoholic acidity**
- **Any other test prescribed under rules**

The laboratory analytical report may kindly be shared with this office at the earliest to facilitate further necessary action.

Yours faithfully,

**Director**  
FCS&CA, Department  
Jammu

**Copy for information to the:-**

1. Commissioner/Secretary to the Govt., FCS&CA, Department, Civil Secretariat, J&K.
2. Divisional Commissioner, Jammu.
3. Deputy Commissioner, Kishtwar.
4. Assistant Controller, Food Safety Department, Kishtwar.



## OFFICE OF THE TEHSILDAR MARWAH

**Subject: Quality Verification and Lab Testing Recommendation for PDS Wheat Distribution – regarding.**

### ENQUIRY REPORT

Whereas, this office is in receipt of repeated and persistent complaints from public representatives and local beneficiaries regarding poor quality of wheat being provided through PDS and;

Whereas, the issue of distribution of poor quality wheat to the public under PDS was also raised during public meeting held under chairmanship of Director, Food, Civil Supplies & Consumer Affairs (FCS & CA) Jammu in Block Office Marwah on 21.06.2026 during his visit to Tehsil Marwah and;

Whereas, Deputy Commissioner Kishtwar has also time and again passed directions for quality verification of the Food grains distributed through Public Distribution System (PDS) and;

Keeping in view the above stated facts, today on 29.06.2026, undersigned along with Tehsil Supply Officer, Marwah conducted quality verification of wheat stored in Govt. Sales Depot Qaderna, Chanjer and Nowpachi, to verify the quality of wheat being distributed under Government PDS. The said verification was conducted in presence of village representatives and prominent local citizens.

During verification, sampling process was executed in the presence of the Tehsil Supply Officer, public representatives and local beneficiaries. Four to five distinct wheat bags were chosen at random from the stock by the public representatives and local beneficiaries, who also supervised the entire process. Physical inspection showed that the wheat grains contain only traces of light impurities such as grain dust, Husk etc. with no visible pests. Although the appearance and physical quality of wheat grains are found to be satisfactory with light impurities as mentioned above.

The statements of public representatives and local beneficiaries present in these food stores have been recorded on the spot, these people have argely expressed their satisfaction over the quality of wheat being distributed through PDS. The copies of statements of public representatives and local beneficiaries are enclosed for reference.

However, the public representatives and local beneficiaries present in Food store Nowpachi have main grievance, that the cooked roti's turn



*Mangla*  
**TEHSILDAR  
MARWAH**



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*M. Singh*  
**TEHSILDAR  
MARWAH**



out bitter in taste after grinding. It is required to get the biochemical analysis of wheat to detect hidden issues. As per local beneficiaries, the bitter taste emerges only after the wheat is milled into flour. It seems that the perfect external grain appearance contradicts the poor culinary quality of the wheat.

**Recommendations and Immediate Action Plan:**

1. Tehsil Supply Officer, Marwah to take immediate steps for dispatch of sealed samples of wheat, to a certified Food Testing Laboratory for analysis of pesticide residue, mycotoxins, uric acid, and alcoholic acidity etc. to come to conclusion about the hidden causes of bitterness as alleged by the public.

2. TSO Marwah is further requested to bring the matter into the notice of higher authorities in the FCS & CA Department and FCI, so that the genuine grievance of the public may be resolved.

**No: 189-193/TM/Gen**

**Dated: 30.06.2026**



  
**Tehsildar**  
**Marwah**  
**TEHSILDAR**  
**MARWAH**

Copy to the:

1. Deputy Commissioner Kishtwar for favour of kind information.
2. Director, FCS & CA Jammu for favour of kind information.
3. Sub Divisional Magistrate, Marwah for favour of kind information.
4. Assistant Director, FCS & CA Kishtwar for info and necessary action.
5. Tehsil Supply Officer, Marwah for information and necessary action.



राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
NATIONAL FOOD LABORATORY, GHAZIABAD  
Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

ULR:TC535126000005677F

Report No. JK-431/AUG/26 /445



FORM-VII A  
Report of the Food Analyst  
[See Rule 2.4.2(5) and 2.4.4(6)]

Certified that I, **Ruby Mishra, Food Analyst** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **National Food Laboratory, Ghaziabad** received from "**Food Safety Officer, Dachhan**" a sample of "**Wheat**" bearing Code number and serial number: **DOF/K/26/47** of Designated Officer of District **Kishtwar (J&K)** area on **21-07-2026** for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seals on the sample container were intact, unbroken and the seals tallied with the specimen impression of the seal given on memorandum (Form VI).

I found the sample to be "**Wheat**" falling under Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011. The sample was in a condition fit for analysis and has been analyzed on **21-07-2026 to 31-07-2026** and the result of its analysis is given below.

Reason – Not Applicable

रुबी मिश्रा / RUBY MISHRA  
खाद्य विश्लेषक / Food Analyst  
राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
Food Safety and Standards Authority of India  
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
(Ministry of Health and Family Welfare, Govt. of India)  
इंदिरापुरम, गाजियाबाद-201014  
Indirapuram, Ghaziabad-201014





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-431/AUG/26/445

ULR:TC535126000005677F



**Analysis Report:**

**(i) Sample Description:** Sample of **Wheat** was received in a Plastic bottle (non-mfg. pack), kept in a cardboard box & paper pack and sealed by food safety administration.

**(ii) Physical appearance-** Sample of **Wheat** was in the form of light brown colour grains, free from visible insects and rodent contamination.

**Parameters covered under NABL Scope:**

| S.No. | Quality Characteristics                                         | Name of the method of the test used | Results                    | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------|-------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Uric acid mg/kg                                                 | NFL/CH/SOP-063 by HPLC              | 80.37                      | 100 mg/kg max.                                                                                                                                                  |
| 2.    | Moisture %w/w                                                   | FSSAI 03.006:2023                   | 10.85                      | 14.0 % max.                                                                                                                                                     |
| 3.    | <b>Foreign Matter (Extraneous Matter) (%w/w)</b>                | <b>FSSAI 03.001:2023</b>            | <b>2.74</b>                | <b>1.0 % max.</b>                                                                                                                                               |
| 4.    | Other edible grains (%w/w)                                      | FSSAI 03.003:2023                   | Nil                        | 6.0 % max.                                                                                                                                                      |
| 5.    | Damaged grains (%w/w)                                           | FSSAI 03.003:2023                   | 2.19                       | 6.0 % max.                                                                                                                                                      |
| 6.    | Total of foreign matter, other edible grains and damaged grains | -                                   | 4.93                       | 12.0 % max.                                                                                                                                                     |
| 7.    | <b>Mineral Matter (%w/w)</b>                                    | <b>FSSAI 03.001:2023</b>            | <b>0.44</b>                | <b>0.25 % max.</b>                                                                                                                                              |
| 8.    | Impurities of animal origin (%w/w)                              | FSSAI 03.004:2023                   | Nil                        | 0.10 % max.                                                                                                                                                     |
| 9.    | Kernel bunt affected grains (%w/w)                              | FSSAI 03.003:2023                   | 0.34                       | 3.0 % max.                                                                                                                                                      |
| 10.   | <b>Ergot affected grains (%w/w)</b>                             | <b>FSSAI 03.003:2023</b>            | <b>0.16</b>                | <b>0.05 % max.</b>                                                                                                                                              |
| 11.   | Weevilled grains (%w/w)                                         | FSSAI 03.003:2023                   | 1.19                       | 10.0 % max.                                                                                                                                                     |
| 12.   | *Alcoholic acidity, %w/w                                        | FSSAI 03.015: 2023                  | 0.10                       | -                                                                                                                                                               |
| 13.   | Deoxynivalenol (DON) µg/kg                                      | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ- 100.0 µg /kg) | 1000 µg/kg max.                                                                                                                                                 |

**रुबी मिश्रा / RUBY MISHRA**

खाद्य विश्लेषक / Food Analyst

राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory

भारतीय खाद्य संस्का एवं मानक प्राधिकरण

Food Safety and Standards Authority of India

(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)

(Ministry of Health and Family Welfare, Govt. of India)

इंदिरापुरम, गाजियाबाद-201014

Indirapuram, Ghaziabad-201014



**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
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| S.No. | Quality Characteristics                                                                           | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|---------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.   | Ochratoxin A µg/kg                                                                                | NFL/CH/SOP-013 by HPLC-FLD          | BLQ<br>(LOQ- 4.0 µg /kg)  | 5.0 µg/kg max.                                                                                                                                                  |
| 15.   | Total aflatoxins µg/kg                                                                            | NFL/CH/SOP-013, By HPLC-FLD         | BLQ                       | 15 µg/kg max.                                                                                                                                                   |
| 16.   | Aflatoxins B1 µg/kg                                                                               | NFL/CH/SOP-013, By HPLC-FLD         | BLQ<br>(LOQ- 1.50 µg /kg) | 10 µg/kg max.                                                                                                                                                   |
| 17.   | Mercury (as Hg) mg/kg                                                                             | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.0 mg/kg max.                                                                                                                                                  |
| 18.   | Cadmium (as Cd) mg/kg                                                                             | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 19.   | Lead (as Pb) mg/kg                                                                                | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 20.   | Arsenic (as As) mg/kg                                                                             | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.1 mg/kg max.                                                                                                                                                  |
| 21.   | Tin (as Sn) mg/kg                                                                                 | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 250 mg/kg max.                                                                                                                                                  |
| 22.   | Copper (as Cu) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | 4.41                      | 30 mg/kg max.                                                                                                                                                   |
| 23.   | Cypermethrin (sum of isomers) (fat soluble residue), mg/kg                                        | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 24.   | Chlorpyrifos, mg/kg                                                                               | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 25.   | Carbaryl mg/kg                                                                                    | NFL/CH/SOP-007 LCMS/MS              | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 26.   | Monocrotophos mg/kg                                                                               | NFL/CH/SOP/007 LCMS/MS              | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 27.   | Ethion(Residues to be determined as ethion and its oxygen analogue and expressed as ethion) mg/kg | NFL/CH/SOP/007 LCMS/MS              | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 28.   | Isoproturon mg/kg                                                                                 | NFL/CH/SOP/007 LCMS/MS              | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |

**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
**भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण**  
**Food Safety and Standards Authority of India**  
**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
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**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-431/AUG/26 / 445

ULR:TC535126000005677F



| S.No. | Quality Characteristics                       | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.   | Carbendazim mg/kg                             | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 30.   | Pendimethalin mg/kg                           | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 31.   | Metribuzin mg/kg                              | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 32.   | Tebuconazole mg/kg                            | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.15 mg/kg max.                                                                                                                                                 |
| 33.   | Thiamethoxam mg/kg                            | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 34.   | Bitertanol mg/kg                              | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 35.   | Kresoxim Methyl mg/kg                         | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 36.   | Propiconazole mg/kg                           | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 37.   | Triadimefon mg/kg                             | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 38.   | Difenoconazole mg/kg                          | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 39.   | Tridemorph mg/kg                              | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 40.   | Azoxystrobin mg/kg                            | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 41.   | Pyraclostrobin mg/kg                          | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 42.   | Trifloxystrobin mg/kg                         | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 43.   | Methyl Chlorophenoxy Acetic Acid (MCPA) mg/kg | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.010 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |

**रुबी मिश्रा / RUBY MISHRA**

खाद्य विश्लेषक / Food Analyst  
 राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
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 (Ministry of Health and Family Welfare, Govt. of India)

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 Indirapuram, Ghaziabad-201014



**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-431/AUG/26 *1445*

ULR:TC535126000005677F



| S.No. | Quality Characteristics          | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44.   | Chlorimuron ethyl mg/kg          | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 45.   | Sulfosulfuron mg/kg              | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 46.   | Methabenzthiazuron mg/kg         | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 47.   | Triallate mg/kg                  | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 48.   | Clodinafop-propargyl mg/kg       | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 49.   | Metsulfuron Methyl mg/kg         | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 50.   | Epoxyconazole mg/kg              | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 51.   | Picoxystrobin mg/kg              | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 52.   | Triasulfuron mg/kg               | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 53.   | Iodosulfuron Methyl Sodium mg/kg | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 54.   | Mesosulfuron Methyl mg/kg        | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 55.   | Pinoxaden mg/kg                  | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.7 mg/kg max.                                                                                                                                                  |
| 56.   | Thiophanate-Methyl mg/kg         | NFL/CH/SOP/007<br>LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 57.   | Deltamethrin (Decamethrin) mg/kg | NFL/CH/SOP/007<br>GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |

*[Signature]*  
**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
**भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण**  
**Food Safety and Standards Authority of India**  
**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**  
**इंदिरापुरम, गाजियाबाद-201014**  
**Indirapuram, Ghaziabad-201014**





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-431/AUG/26 1445

ULR:TC535126000005677F



| S.No. | Quality Characteristics                                                                                   | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 58.   | Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl) mg/kg                       | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 59.   | Malathion (Malathion to be determined and expressed as combined residues of malathion and malaoxon) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 10.0 mg/kg max.                                                                                                                                                 |
| 60.   | Pirimiphos-methyl mg/kg                                                                                   | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 7 mg/kg max.                                                                                                                                                    |
| 61.   | Fipronil mg/kg                                                                                            | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 62.   | Trifluralin mg/kg                                                                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 63.   | Fenoxaprop-p-ethyl mg/kg                                                                                  | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 64.   | Carfentrazone Ethyl mg/kg                                                                                 | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |

\*Parameter requested by DO in Form-VI.

**Opinion:** On the basis of tests performed above, the sample of **Wheat does not conform** to the standards laid down under the Regulation No. 2.4.6(2) of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011 as the sample shows **Foreign Matter (Extraneous Matter), Mineral Matter and Ergot affected grains above the maximum prescribed limit**. The sample is thus **substandard under section 3(1)(zx) and unsafe under section 3(1)(zz)(xi) of FSS Act, 2006**.

Signed this on 03<sup>rd</sup> August, 2026

ADDRESS:  
 NATIONAL FOOD LABORATORY  
 FSSAI Complex, Ahinsa Khand-II, Indirapuram  
 Ghaziabad, U.P-201014

Note: The report pertains to the sample submitted to this lab and only for the test

---End of the test report---

**Food Analyst**  
 रुबी मिश्रा / RUBY MISHRA  
 खाद्य विश्लेषक / Food Analyst  
 राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
 भारतीय खाद्य संस्था एवं मानक प्राधिकरण  
**Food Safety and Standards Authority of India**  
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 Indirapuram, Ghaziabad-201014



राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
NATIONAL FOOD LABORATORY, GHAZIABAD  
Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-432/AUG/26 / 446

ULR:TC535126000005678F



FORM-VII A

Report of the Food Analyst  
[See Rule 2.4.2(5) and 2.4.4(6)]

Certified that I, **Ruby Mishra, Food Analyst** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **National Food Laboratory, Ghaziabad** received from "**Food Safety Officer, Dachhan**" a sample of "**Wheat**" bearing Code number and serial number: **DOF/K/26/48** of Designated Officer of District **Kishtwar (J&K)** area on **21-07-2026** for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seals on the sample container were intact, unbroken and the seals tallied with the specimen impression of the seal given on memorandum (Form VI).

I found the sample to be "**Wheat**" falling under Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011. The sample was in a condition fit for analysis and has been analyzed on **21-07-2026 to 31-07-2026** and the result of its analysis is given below.

Reason – Not Applicable

O/c

रूबी मिश्रा / RUBY MISHRA  
खाद्य विश्लेषक / Food Analyst  
राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
Food Safety and Standards Authority of India  
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
(Ministry of Health and Family Welfare, Govt. of India)  
इंदिरापुरम, गाजियाबाद-201014  
Indirapuram, Ghaziabad-201014





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
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Report No. JK-432/AUG/26/446

ULR:TC535126000005678F



**Analysis Report:**

**(i) Sample Description:** Sample of **Wheat** was received in a Plastic bottle (non-mfg. pack), kept in a cardboard box & paper pack and sealed by food safety administration.

**(ii) Physical appearance-** Sample of **Wheat** was in the form of light brown colour grains, free from visible insects and rodent contamination.

**Parameters covered under NABL Scope:**

| S.No. | Quality Characteristics                                         | Name of the method of the test used | Results                    | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------|-------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Uric acid mg/kg                                                 | NFL/CH/SOP-063 by HPLC              | 90.07                      | 100 mg/kg max.                                                                                                                                                  |
| 2.    | Moisture %w/w                                                   | FSSAI 03.006:2023                   | 10.96                      | 14.0 % max.                                                                                                                                                     |
| 3.    | Foreign Matter (Extraneous Matter) (%w/w)                       | FSSAI 03.001:2023                   | 3.67                       | 1.0 % max.                                                                                                                                                      |
| 4.    | Other edible grains (%w/w)                                      | FSSAI 03.003:2023                   | Nil                        | 6.0 % max.                                                                                                                                                      |
| 5.    | Damaged grains (%w/w)                                           | FSSAI 03.003:2023                   | 2.11                       | 6.0 % max.                                                                                                                                                      |
| 6.    | Total of foreign matter, other edible grains and damaged grains | -                                   | 5.78                       | 12.0 % max.                                                                                                                                                     |
| 7.    | Mineral Matter (%w/w)                                           | FSSAI 03.001:2023                   | 2.90                       | 0.25 % max.                                                                                                                                                     |
| 8.    | Impurities of animal origin (%w/w)                              | FSSAI 03.004:2023                   | Nil                        | 0.10 % max.                                                                                                                                                     |
| 9.    | Kernel bunt affected grains (%w/w)                              | FSSAI 03.003:2023                   | 0.32                       | 3.0 % max.                                                                                                                                                      |
| 10.   | Ergot affected grains (%w/w)                                    | FSSAI 03.003:2023                   | 0.16                       | 0.05 % max.                                                                                                                                                     |
| 11.   | Weevilled grains (%w/w)                                         | FSSAI 03.003:2023                   | 1.39                       | 10.0 % max.                                                                                                                                                     |
| 12.   | *Alcoholic acidity, %w/w                                        | FSSAI 03.015: 2023                  | 0.12                       | -                                                                                                                                                               |
| 13.   | Deoxynivalenol (DON) µg/kg                                      | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ- 100.0 µg /kg) | 1000 µg/kg max.                                                                                                                                                 |

**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
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**भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण**  
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**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**  
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**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-432/AUG/26 /448

ULR:TC535126000005678F



| S.No. | Quality Characteristics                                                                            | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.   | Ochratoxin A µg/kg                                                                                 | NFL/CH/SOP-013 by HPLC-FLD          | BLQ<br>(LOQ- 4.0 µg /kg)  | 5.0 µg/kg max.                                                                                                                                                  |
| 15.   | Total aflatoxins µg/kg                                                                             | NFL/CH/SOP-013, By HPLC-FLD         | BLQ                       | 15 µg/kg max.                                                                                                                                                   |
| 16.   | Aflatoxins B1 µg/kg                                                                                | NFL/CH/SOP-013, By HPLC-FLD         | BLQ<br>(LOQ- 1.50 µg /kg) | 10 µg/kg max.                                                                                                                                                   |
| 17.   | Mercury (as Hg) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.0 mg/kg max.                                                                                                                                                  |
| 18.   | Cadmium (as Cd) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 19.   | Lead (as Pb) mg/kg                                                                                 | NFL/CH/SOP-011 by ICP-MS            | 0.17                      | 0.2 mg/kg max.                                                                                                                                                  |
| 20.   | Arsenic (as As) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | 0.22                      | 1.1 mg/kg max.                                                                                                                                                  |
| 21.   | Tin (as Sn) mg/kg                                                                                  | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 250 mg/kg max.                                                                                                                                                  |
| 22.   | Copper (as Cu) mg/kg                                                                               | NFL/CH/SOP-011 by ICP-MS            | 2.49                      | 30 mg/kg max.                                                                                                                                                   |
| 23.   | Cypermethrin (sum of isomers) (fat soluble residue), mg/kg                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 24.   | Chlorpyrifos, mg/kg                                                                                | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 25.   | Carbaryl mg/kg                                                                                     | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 26.   | Monocrotophos mg/kg                                                                                | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 27.   | Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 28.   | Isoproturon mg/kg                                                                                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |

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भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
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**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-432/AUG/26/446

ULR:TC535126000005678F



| S.No. | Quality Characteristics                       | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.   | Carbendazim mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 30.   | Pendimethalin mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 31.   | Metribuzin mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 32.   | Tebuconazole mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.15 mg/kg max.                                                                                                                                                 |
| 33.   | Thiamethoxam mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 34.   | Bitertanol mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 35.   | Kresoxim Methyl mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 36.   | Propiconazole mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 37.   | Triadimefon mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 38.   | Difenoconazole mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 39.   | Tridemorph mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 40.   | Azoxystrobin mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 41.   | Pyraclostrobin mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 42.   | Trifloxystrobin mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 43.   | Methyl Chlorophenoxy Acetic Acid (MCPA) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.010 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |

  
**रुबी मिश्रा / RUBY MISHRA**  
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Report No. JK-432/AUG/26 /446

ULR:TC535126000005678F



| S.No. | Quality Characteristics          | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44.   | Chlorimuron ethyl mg/kg          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 45.   | Sulfosulfuron mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 46.   | Methabenzthiazuron mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 47.   | Triallate mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 48.   | Clodinafop-propargyl mg/kg       | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 49.   | Metsulfuron Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 50.   | Epoxyconazole mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 51.   | Picoxystrobin mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 52.   | Triasulfuron mg/kg               | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 53.   | Iodosulfuron Methyl Sodium mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 54.   | Mesosulfuron Methyl mg/kg        | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 55.   | Pinoxaden mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.7 mg/kg max.                                                                                                                                                  |
| 56.   | Thiophanate-Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 57.   | Deltamethrin (Decamethrin) mg/kg | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |

**रुबी मिश्रा / RUBY MISHRA**  
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**इंदिरापुरम, गाजियाबाद-201014**  
**Indirapuram, Ghaziabad-201014**





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-432/AUG/26 / 445

ULR:TC535126000005678F



| S.No. | Quality Characteristics                                                                                   | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 58.   | Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl) mg/kg                       | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 59.   | Malathion (Malathion to be determined and expressed as combined residues of malathion and malaoxon) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 10.0 mg/kg max.                                                                                                                                                 |
| 60.   | Pirimiphos-methyl mg/kg                                                                                   | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 7 mg/kg max.                                                                                                                                                    |
| 61.   | Fipronil mg/kg                                                                                            | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 62.   | Trifluralin mg/kg                                                                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 63.   | Fenoxaprop-p-ethyl mg/kg                                                                                  | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 64.   | Carfentrazone Ethyl mg/kg                                                                                 | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |

\*Parameter requested by DO in Form-VI.

**Opinion:** On the basis of tests performed above, the sample of **Wheat does not conform** to the standards laid down under the Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011 as the sample shows **Foreign Matter (Extraneous Matter), Mineral Matter and Ergot affected grains above the maximum prescribed limit**. The sample is thus **substandard under section 3(1)(zx) and unsafe under section 3(1)(zz)(xi) of FSS Act, 2006**.

Signed this on 03<sup>rd</sup> August, 2026

ADDRESS:  
 NATIONAL FOOD LABORATORY  
 FSSAI Complex, Ahinsa Khand-II, Indirapuram  
 Ghaziabad, U.P-201014

Note: The report pertains to the sample submitted to this lab and only for the test parameters mentioned as above  
 ---End of the test report---

रुबी मिश्रा / **Food Analyst**  
 खाद्य विश्लेषक / **Food Analyst**  
 राष्ट्रीय खाद्य प्रयोगशाला / **National Food Laboratory**  
 भारतीय खाद्य संस्का एवं मानक प्राधिकरण  
**Food Safety and Standards Authority of India**  
 (स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
 (Ministry of Health and Family Welfare, Govt. of India)  
 इंदिरापुरम, गाजियाबाद-201014  
**Indirapuram, Ghaziabad-201014**



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NATIONAL FOOD LABORATORY, GHAZIABAD  
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Report No. JK-433/AUG/26 / 447

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FORM-VII A  
Report of the Food Analyst  
[See Rule 2.4.2(5) and 2.4.4(6)]

Certified that I, **Ruby Mishra, Food Analyst** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **National Food Laboratory, Ghaziabad** received from "**Food Safety Officer, Dachhan**" a sample of "**Wheat**" bearing Code number and serial number: **DOF/K/26/49** of Designated Officer of District **Kishtwar (J&K)** area on **21-07-2026** for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seals on the sample container were intact, unbroken and the seals tallied with the specimen impression of the seal given on memorandum (Form VI).

I found the sample to be "**Wheat**" falling under Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011. The sample was in a condition fit for analysis and has been analyzed on **21-07-2026 to 31-07-2026** and the result of its analysis is given below.

Reason – Not Applicable

रुबी मिश्रा / RUBY MISHRA  
खाद्य विश्लेषक / Food Analyst  
राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
Food Safety and Standards Authority of India  
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
(Ministry of Health and Family Welfare, Govt. of India),  
इंदिरापुरम, गाजियाबाद-201014  
Indirapuram, Ghaziabad-201014





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
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**Analysis Report:**

**(i) Sample Description:** Sample of **Wheat** was received in a Plastic bottle (non-mfg. pack), kept in a cardboard box & paper pack and sealed by food safety administration.

**(ii) Physical appearance-** Sample of **Wheat** was in the form of light brown colour grains, free from visible insects and rodent contamination.

**Parameters covered under NABL Scope:**

| S.No. | Quality Characteristics                                         | Name of the method of the test used | Results                    | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------|-------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Uric acid mg/kg                                                 | NFL/CH/SOP-063 by HPLC              | 73.06                      | 100 mg/kg max.                                                                                                                                                  |
| 2.    | Moisture %w/w                                                   | FSSAI 03.006:2023                   | 10.76                      | 14.0 % max.                                                                                                                                                     |
| 3.    | <b>Foreign Matter (Extraneous Matter) (%w/w)</b>                | <b>FSSAI 03.001:2023</b>            | <b>7.80</b>                | <b>1.0 % max.</b>                                                                                                                                               |
| 4.    | Other edible grains (%w/w)                                      | FSSAI 03.003:2023                   | Nil                        | 6.0 % max.                                                                                                                                                      |
| 5.    | Damaged grains (%w/w)                                           | FSSAI 03.003:2023                   | 3.22                       | 6.0 % max.                                                                                                                                                      |
| 6.    | Total of foreign matter, other edible grains and damaged grains | -                                   | 11.02                      | 12.0 % max.                                                                                                                                                     |
| 7.    | <b>Mineral Matter (%w/w)</b>                                    | <b>FSSAI 03.001:2023</b>            | <b>0.57</b>                | <b>0.25 % max.</b>                                                                                                                                              |
| 8.    | Impurities of animal origin (%w/w)                              | FSSAI 03.004:2023                   | Nil                        | 0.10 % max.                                                                                                                                                     |
| 9.    | Kernel bunt affected grains (%w/w)                              | FSSAI 03.003:2023                   | 0.25                       | 3.0 % max.                                                                                                                                                      |
| 10.   | <b>Ergot affected grains (%w/w)</b>                             | <b>FSSAI 03.003:2023</b>            | <b>0.18</b>                | <b>0.05 % max.</b>                                                                                                                                              |
| 11.   | Weevilled grains (%w/w)                                         | FSSAI 03.003:2023                   | 1.43                       | 10.0 % max.                                                                                                                                                     |
| 12.   | *Alcoholic acidity, %w/w                                        | FSSAI 03.015: 2023                  | 0.11                       | -                                                                                                                                                               |
| 13.   | Deoxynivalenol (DON) µg/kg                                      | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ- 100.0 µg /kg) | 1000 µg/kg max.                                                                                                                                                 |

**रुबी मिश्रा / RUBY MISHRA**

**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
**भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण**

**Food Safety and Standards Authority of India**  
**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**

इंदिरापरम गाजियाबाद-201014



**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-433/AUG/26 /447

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| S.No. | Quality Characteristics                                                                            | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.   | Ochratoxin A µg/kg                                                                                 | NFL/CH/SOP-013 by HPLC-FLD          | BLQ<br>(LOQ- 4.0 µg /kg)  | 5.0 µg/kg max.                                                                                                                                                  |
| 15.   | Total aflatoxins µg/kg                                                                             | NFL/CH/SOP-013, By HPLC-FLD         | BLQ                       | 15 µg/kg max.                                                                                                                                                   |
| 16.   | Aflatoxins B1 µg/kg                                                                                | NFL/CH/SOP-013, By HPLC-FLD         | BLQ<br>(LOQ- 1.50 µg /kg) | 10 µg/kg max.                                                                                                                                                   |
| 17.   | Mercury (as Hg) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.0 mg/kg max.                                                                                                                                                  |
| 18.   | Cadmium (as Cd) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 19.   | Lead (as Pb) mg/kg                                                                                 | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 20.   | Arsenic (as As) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.1 mg/kg max.                                                                                                                                                  |
| 21.   | Tin (as Sn) mg/kg                                                                                  | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 250 mg/kg max.                                                                                                                                                  |
| 22.   | Copper (as Cu) mg/kg                                                                               | NFL/CH/SOP-011 by ICP-MS            | 3.94                      | 30 mg/kg max.                                                                                                                                                   |
| 23.   | Cypermethrin (sum of isomers) (fat soluble residue), mg/kg                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 24.   | Chlorpyrifos, mg/kg                                                                                | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 25.   | Carbaryl mg/kg                                                                                     | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 26.   | Monocrotophos mg/kg                                                                                | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 27.   | Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 28.   | Isoproturon mg/kg                                                                                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |

**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
**भारतीय खाद्य संस्ला एवं मानक प्राधिकरण**  
**Food Safety and Standards Authority of India**  
**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**  
**इंदिरापुरम, गाजियाबाद-201014**





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
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**Food Safety & Standards Authority of India**  
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Report No. JK-433/AUG/26 /447

ULR:TC535126000005679F



| S.No. | Quality Characteristics                       | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.   | Carbendazim mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 30.   | Pendimethalin mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 31.   | Metribuzin mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 32.   | Tebuconazole mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.15 mg/kg max.                                                                                                                                                 |
| 33.   | Thiamethoxam mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 34.   | Bitertanol mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 35.   | Kresoxim Methyl mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 36.   | Propiconazole mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 37.   | Triadimefon mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 38.   | Difenoconazole mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 39.   | Tridemorph mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 40.   | Azoxystrobin mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 41.   | Pyraclostrobin mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 42.   | Trifloxystrobin mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 43.   | Methyl Chlorophenoxy Acetic Acid (MCPA) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.010 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |

**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
**भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण**  
**Food Safety and Standards Authority of India**  
**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**  
**इंदिरापुरम, गाजियाबाद-201014**



**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-433/AUG/26 /447

ULR:TC535126000005679F



| S.No. | Quality Characteristics          | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44.   | Chlorimuron ethyl mg/kg          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 45.   | Sulfosulfuron mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 46.   | Methabenzthiazuron mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 47.   | Triallate mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 48.   | Clodinafop-propargyl mg/kg       | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 49.   | Metsulfuron Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 50.   | Epoxyconazole mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 51.   | Picoxystrobin mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 52.   | Triasulfuron mg/kg               | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 53.   | Iodosulfuron Methyl Sodium mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 54.   | Mesosulfuron Methyl mg/kg        | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 55.   | Pinoxaden mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.7 mg/kg max.                                                                                                                                                  |
| 56.   | Thiophanate-Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 57.   | Deltamethrin (Decamethrin) mg/kg | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |

**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
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**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-433/AUG/26/ 647

ULR:TC535126000005679F



| S.No. | Quality Characteristics                                                                                   | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 58.   | Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl) mg/kg                       | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 59.   | Malathion (Malathion to be determined and expressed as combined residues of malathion and malaoxon) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 10.0 mg/kg max.                                                                                                                                                 |
| 60.   | Pirimiphos-methyl mg/kg                                                                                   | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 7 mg/kg max.                                                                                                                                                    |
| 61.   | Fipronil mg/kg                                                                                            | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 62.   | Trifluralin mg/kg                                                                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 63.   | Fenoxaprop-p-ethyl mg/kg                                                                                  | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 64.   | Carfentrazone Ethyl mg/kg                                                                                 | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |

\*Parameter requested by DO in Form-VI.

**Opinion:** On the basis of tests performed above, the sample of **Wheat does not conform** to the standards laid down under the Regulation No. 2.4.6(2) of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011 as the sample shows **Foreign Matter (Extraneous Matter), Mineral Matter and Ergot affected grains above the maximum prescribed limit**. The sample is thus **substandard under section 3(1)(zx) and unsafe under section 3(1)(zz)(xi) of FSS Act, 2006**.

Signed this on 03<sup>rd</sup> August, 2026

ADDRESS:  
 NATIONAL FOOD LABORATORY  
 FSSAI Complex, Ahinsa Khand-II, Indirapuram  
 Ghaziabad, U.P-201014

Note: The report pertains to the sample submitted to this lab and only for the test parameters mentioned above.

---End of the test report---

Food Analyst

रुबी मिश्रा / RUBY MISHRA

खाद्य विश्लेषक / Food Analyst  
 राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
 भारतीय खाद्य संस्था एवं मानक प्राधिकरण  
 Food Safety and Standards Authority of India  
 (स्वास्थ्य एवं परिवार कल्याण विभाग, भारत सरकार)  
 (Ministry of Health and Family Welfare, Govt. of India)  
 इंदिरापुरम, गाजियाबाद-201014  
 Indirapuram, Ghaziabad-201014  
 Page 6 of 6



राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
NATIONAL FOOD LABORATORY, GHAZIABAD  
Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-434/AUG/26 / 448

ULR:TC535126000005680F



FORM-VII A  
Report of the Food Analyst  
[See Rule 2.4.2(5) and 2.4.4(6)]

Certified that I, **Ruby Mishra, Food Analyst** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **National Food Laboratory, Ghaziabad** received from “**Food Safety Officer, Dachhan**” a sample of “**Wheat**” bearing Code number and serial number: **DOF/K/26/50** of Designated Officer of District **Kishtwar (J&K)** area on **21-07-2026** for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seals on the sample container were intact, unbroken and the seals tallied with the specimen impression of the seal given on memorandum (Form VI).

I found the sample to be “**Wheat**” falling under Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011. The sample was in a condition fit for analysis and has been analyzed on **21-07-2026 to 31-07-2026** and the result of its analysis is given below.

Reason – Not Applicable

रूबी मिश्रा / RUBY MISHRA  
खाद्य विश्लेषक / Food Analyst  
राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
Food Safety and Standards Authority of India  
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
(Ministry of Health and Family Welfare, Govt. of India)  
इंदिरापुरम, गाजियाबाद-201014  
Indirapuram, Ghaziabad-201014





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-434/AUG/26

ULR:TC535126000005680F



**Analysis Report:**

**(i) Sample Description:** Sample of **Wheat** was received in a Plastic bottle (non-mfg. pack), kept in a cardboard box & paper pack and sealed by food safety administration.

**(ii) Physical appearance-** Sample of **Wheat** was in the form of light brown colour grains, free from visible insects and rodent contamination.

**Parameters covered under NABL Scope:**

| S.No. | Quality Characteristics                                         | Name of the method of the test used | Results                    | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------|-------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Uric acid mg/kg                                                 | NFL/CH/SOP-063 by HPLC              | 56.08                      | 100 mg/kg max.                                                                                                                                                  |
| 2.    | Moisture %w/w                                                   | FSSAI 03.006:2023                   | 10.88                      | 14.0 % max.                                                                                                                                                     |
| 3.    | <b>Foreign Matter (Extraneous Matter) (%w/w)</b>                | <b>FSSAI 03.001:2023</b>            | <b>1.50</b>                | <b>1.0 % max.</b>                                                                                                                                               |
| 4.    | Other edible grains (%w/w)                                      | FSSAI 03.003:2023                   | Nil                        | 6.0 % max.                                                                                                                                                      |
| 5.    | Damaged grains (%w/w)                                           | FSSAI 03.003:2023                   | 2.04                       | 6.0 % max.                                                                                                                                                      |
| 6.    | Total of foreign matter, other edible grains and damaged grains | -                                   | 3.54                       | 12.0 % max.                                                                                                                                                     |
| 7.    | <b>Mineral Matter (%w/w)</b>                                    | <b>FSSAI 03.001:2023</b>            | <b>0.78</b>                | <b>0.25 % max.</b>                                                                                                                                              |
| 8.    | Impurities of animal origin (%w/w)                              | FSSAI 03.004:2023                   | Nil                        | 0.10 % max.                                                                                                                                                     |
| 9.    | Kernel bunt affected grains (%w/w)                              | FSSAI 03.003:2023                   | 0.36                       | 3.0 % max.                                                                                                                                                      |
| 10.   | Ergot affected grains (%w/w)                                    | FSSAI 03.003:2023                   | 0.18                       | 0.05 % max.                                                                                                                                                     |
| 11.   | Weevilled grains (%w/w)                                         | FSSAI 03.003:2023                   | 1.12                       | 10.0 % max.                                                                                                                                                     |
| 12.   | *Alcoholic acidity, %w/w                                        | FSSAI 03.015: 2023                  | 0.11                       | -                                                                                                                                                               |
| 13.   | Deoxynivalenol (DON) µg/kg                                      | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ- 100.0 µg /kg) | 1000 µg/kg max.                                                                                                                                                 |

**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
**भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण**  
**Food Safety and Standards Authority of India**  
**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**  
**इंदिरापुरम, गाजियाबाद-201014**



राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
NATIONAL FOOD LABORATORY, GHAZIABAD  
Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-434/AUG/26

ULR:TC535126000005680F



| S.No. | Quality Characteristics                                                                            | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.   | Ochratoxin A µg/kg                                                                                 | NFL/CH/SOP-013 by HPLC-FLD          | BLQ<br>(LOQ- 4.0 µg /kg)  | 5.0 µg/kg max.                                                                                                                                                  |
| 15.   | Total aflatoxins µg/kg                                                                             | NFL/CH/SOP-013, By HPLC-FLD         | BLQ                       | 15 µg/kg max.                                                                                                                                                   |
| 16.   | Aflatoxins B1 µg/kg                                                                                | NFL/CH/SOP-013, By HPLC-FLD         | BLQ<br>(LOQ- 1.50 µg /kg) | 10 µg/kg max.                                                                                                                                                   |
| 17.   | Mercury (as Hg) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.0 mg/kg max.                                                                                                                                                  |
| 18.   | Cadmium (as Cd) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 19.   | Lead (as Pb) mg/kg                                                                                 | NFL/CH/SOP-011 by ICP-MS            | 0.14                      | 0.2 mg/kg max.                                                                                                                                                  |
| 20.   | Arsenic (as As) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | 0.19                      | 1.1 mg/kg max.                                                                                                                                                  |
| 21.   | Tin (as Sn) mg/kg                                                                                  | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 250 mg/kg max.                                                                                                                                                  |
| 22.   | Copper (as Cu) mg/kg                                                                               | NFL/CH/SOP-011 by ICP-MS            | 2.37                      | 30 mg/kg max.                                                                                                                                                   |
| 23.   | Cypermethrin (sum of isomers) (fat soluble residue), mg/kg                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 24.   | Chlorpyrifos, mg/kg                                                                                | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 25.   | Carbaryl mg/kg                                                                                     | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 26.   | Monocrotophos mg/kg                                                                                | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 27.   | Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 28.   | Isoproturon mg/kg                                                                                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |

  
रुबी मिश्रा / RUBY MISHRA  
खाद्य विश्लेषक / Food Analyst  
राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
Food Safety and Standards Authority of India  
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
(Ministry of Health and Family Welfare, Govt. of India)





राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
NATIONAL FOOD LABORATORY, GHAZIABAD

Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-434/AUG/26

ULR:TC535126000005680F



| S.No. | Quality Characteristics                       | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.   | Carbendazim mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 30.   | Pendimethalin mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 31.   | Metribuzin mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 32.   | Tebuconazole mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.15 mg/kg max.                                                                                                                                                 |
| 33.   | Thiamethoxam mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 34.   | Bitertanol mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 35.   | Kresoxim Methyl mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 36.   | Propiconazole mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 37.   | Triadimefon mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 38.   | Difenoconazole mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 39.   | Tridemorph mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 40.   | Azoxystrobin mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 41.   | Pyraclostrobin mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 42.   | Trifloxystrobin mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 43.   | Methyl Chlorophenoxy Acetic Acid (MCPA) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.010 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |

रुबी मिश्रा / RUBY MISHRA

खाद्य विश्लेषक / Food Analyst

राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory

भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण

Food Safety and Standards Authority of India

(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)

(Ministry of Health and Family Welfare, Govt. of India)

इंदिरापुरम, गाजियाबाद-201014

Indirapuram, Ghaziabad-201014



**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-434/AUG/26

ULR:TC535126000005680F



| S.No. | Quality Characteristics          | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44.   | Chlorimuron ethyl mg/kg          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 45.   | Sulfosulfuron mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 46.   | Methabenzthiazuron mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 47.   | Triallate mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 48.   | Clodinafop-propargyl mg/kg       | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 49.   | Metsulfuron Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 50.   | Epoxyconazole mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 51.   | Picoxystrobin mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 52.   | Triasulfuron mg/kg               | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 53.   | Iodosulfuron Methyl Sodium mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 54.   | Mesosulfuron Methyl mg/kg        | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 55.   | Pinoxaden mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.7 mg/kg max.                                                                                                                                                  |
| 56.   | Thiophanate-Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 57.   | Deltamethrin (Decamethrin) mg/kg | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |

  
**रुबी मिश्रा / RUBY MISHRA**  
**खाद्य विश्लेषक / Food Analyst**  
**राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory**  
**भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण**  
**Food Safety and Standards Authority of India**  
**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**  
**इन्दिरापुरम, गाजियाबाद-201014**  
**Indirapuram, Ghaziabad-201014**





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-434/AUG/26

ULR:TC535126000005680F



| S.No. | Quality Characteristics                                                                                   | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 58.   | Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl) mg/kg                       | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 59.   | Malathion (Malathion to be determined and expressed as combined residues of malathion and malaoxon) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 10.0 mg/kg max.                                                                                                                                                 |
| 60.   | Pirimiphos-methyl mg/kg                                                                                   | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 7 mg/kg max.                                                                                                                                                    |
| 61.   | Fipronil mg/kg                                                                                            | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 62.   | Trifluralin mg/kg                                                                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 63.   | Fenoxaprop-p-ethyl mg/kg                                                                                  | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 64.   | Carfentrazone Ethyl mg/kg                                                                                 | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |

\*Parameter requested by DO in Form-VI.

**Opinion:** On the basis of tests performed above, the sample of **Wheat does not conform** to the standards laid down under the Regulation No. 2.4.6(2) of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011 as the sample shows **Foreign Matter (Extraneous Matter), Mineral Matter and Ergot affected grains above the maximum prescribed limit**. The sample is thus **substandard under section 3(1)(zx) and unsafe under section 3(1)(zz)(xi) of FSS Act, 2006**.

Signed this on 03<sup>rd</sup> August, 2026

ADDRESS:  
 NATIONAL FOOD LABORATORY  
 FSSAI Complex, Ahinsa Khand-II, Indirapuram  
 Ghaziabad, U.P-201014

Note: The report pertains to the sample submitted to this lab and only for the test parameters mentioned as above.

---End of the test report---

**Food Analyst**  
 रुबी मिश्रा / RUBY MISHRA  
 खाद्य विश्लेषक / Food Analyst  
 राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
 भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
 Food Safety and Standards Authority of India  
 (स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
 Ministry of Health and Family Welfare, Govt. of India  
 इन्दिरापुरम, गाजियाबाद - 201014  
 Indirapuram, Ghaziabad-201014



राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
NATIONAL FOOD LABORATORY, GHAZIABAD  
Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-435/AUG/26 / 449

ULR:TC535126000005681F



FORM-VII A  
Report of the Food Analyst  
[See Rule 2.4.2(5) and 2.4.4(6)]

Certified that I, **Ruby Mishra, Food Analyst** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **National Food Laboratory, Ghaziabad** received from "**Food Safety Officer, Dachhan**" a sample of "**Wheat**" bearing Code number and serial number: **DOF/K/26/51** of Designated Officer of District **Kishtwar (J&K)** area on **21-07-2026** for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seals on the sample container were intact, unbroken and the seals tallied with the specimen impression of the seal given on memorandum (Form VI).

I found the sample to be "**Wheat**" falling under Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011. The sample was in a condition fit for analysis and has been analyzed on **21-07-2026 to 31-07-2026** and the result of its analysis is given below.

Reason – Not Applicable

o/c

  
रुबी मिश्रा / RUBY MISHRA  
खाद्य विश्लेषक / Food Analyst  
राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
भारतीय खाद्य संरक्षा एवं मानक प्राधिकरण  
Food Safety and Standards Authority of India  
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)  
(Ministry of Health and Family Welfare, Govt. of India)  
इंदिरापुरम, गाजियाबाद-201014  
Indirapuram, Ghaziabad-201014





राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
NATIONAL FOOD LABORATORY, GHAZIABAD

Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-435/AUG/26

ULR:TC535126000005681F



**Analysis Report:**

(i) **Sample Description:** Sample of **Wheat** was received in a Plastic bottle (non-mfg. pack), kept in a cardboard box & paper pack and sealed by food safety administration.

(ii) **Physical appearance-** Sample of **Wheat** was in the form of light brown colour grains, free from visible insects and rodent contamination.

**Parameters covered under NABL Scope:**

| S.No. | Quality Characteristics                                         | Name of the method of the test used | Results                    | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------|-------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Uric acid mg/kg                                                 | NFL/CH/SOP-063 by HPLC              | 49.37                      | 100 mg/kg max.                                                                                                                                                  |
| 2.    | Moisture %w/w                                                   | FSSAI 03.006:2023                   | 11.09                      | 14.0 % max.                                                                                                                                                     |
| 3.    | <b>Foreign Matter (Extraneous Matter) (%w/w)</b>                | <b>FSSAI 03.001:2023</b>            | <b>6.12</b>                | <b>1.0 % max.</b>                                                                                                                                               |
| 4.    | Other edible grains (%w/w)                                      | FSSAI 03.003:2023                   | Nil                        | 6.0 % max.                                                                                                                                                      |
| 5.    | Damaged grains (%w/w)                                           | FSSAI 03.003:2023                   | 2.11                       | 6.0 % max.                                                                                                                                                      |
| 6.    | Total of foreign matter, other edible grains and damaged grains | -                                   | 8.23                       | 12.0 % max.                                                                                                                                                     |
| 7.    | <b>Mineral Matter (%w/w)</b>                                    | <b>FSSAI 03.001:2023</b>            | <b>0.37</b>                | <b>0.25 % max.</b>                                                                                                                                              |
| 8.    | Impurities of animal origin (%w/w)                              | FSSAI 03.004:2023                   | Nil                        | 0.10 % max.                                                                                                                                                     |
| 9.    | Kernel bunt affected grains (%w/w)                              | FSSAI 03.003:2023                   | 0.36                       | 3.0 % max.                                                                                                                                                      |
| 10.   | <b>Ergot affected grains (%w/w)</b>                             | <b>FSSAI 03.003:2023</b>            | <b>0.17</b>                | <b>0.05 % max.</b>                                                                                                                                              |
| 11.   | Weevilled grains (%w/w)                                         | FSSAI 03.003:2023                   | 1.20                       | 10.0 % max.                                                                                                                                                     |
| 12.   | *Alcoholic acidity, %w/w                                        | FSSAI 03.015: 2023                  | 0.10                       | -                                                                                                                                                               |
| 13.   | Deoxynivalenol (DON) µg/kg                                      | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ- 100.0 µg /kg) | 1000 µg/kg max.                                                                                                                                                 |

रुबी मिश्रा / RUBY MISHRA

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भारतीय खाद्य संस्कार एवं मानक प्राधिकरण  
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इंदिरापुरम, गाजियाबाद-201014



**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-435/AUG/26

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| S.No. | Quality Characteristics                                                                            | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.   | Ochratoxin A µg/kg                                                                                 | NFL/CH/SOP-013 by HPLC-FLD          | BLQ<br>(LOQ- 4.0 µg /kg)  | 5.0 µg/kg max.                                                                                                                                                  |
| 15.   | Total aflatoxins µg/kg                                                                             | NFL/CH/SOP-013, By HPLC-FLD         | BLQ                       | 15 µg/kg max.                                                                                                                                                   |
| 16.   | Aflatoxins B1 µg/kg                                                                                | NFL/CH/SOP-013, By HPLC-FLD         | BLQ<br>(LOQ- 1.50 µg /kg) | 10 µg/kg max.                                                                                                                                                   |
| 17.   | Mercury (as Hg) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.0 mg/kg max.                                                                                                                                                  |
| 18.   | Cadmium (as Cd) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 19.   | Lead (as Pb) mg/kg                                                                                 | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 20.   | Arsenic (as As) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.1 mg/kg max.                                                                                                                                                  |
| 21.   | Tin (as Sn) mg/kg                                                                                  | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 250 mg/kg max.                                                                                                                                                  |
| 22.   | Copper (as Cu) mg/kg                                                                               | NFL/CH/SOP-011 by ICP-MS            | 3.06                      | 30 mg/kg max.                                                                                                                                                   |
| 23.   | Cypermethrin (sum of isomers) (fat soluble residue), mg/kg                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 24.   | Chlorpyrifos, mg/kg                                                                                | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 25.   | Carbaryl mg/kg                                                                                     | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 26.   | Monocrotophos mg/kg                                                                                | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 27.   | Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 28.   | Isoproturon mg/kg                                                                                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |

  
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**(स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार)**  
**(Ministry of Health and Family Welfare, Govt. of India)**  
**गजियाबाद - 201014**





**राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद**  
**NATIONAL FOOD LABORATORY, GHAZIABAD**  
**Food Safety & Standards Authority of India**  
**Ministry of Health & Family Welfare (Govt. of India)**

Report No. JK-435/AUG/26

ULR:TC535126000005681F



| S.No. | Quality Characteristics                       | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.   | Carbendazim mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 30.   | Pendimethalin mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 31.   | Metribuzin mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 32.   | Tebuconazole mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.15 mg/kg max.                                                                                                                                                 |
| 33.   | Thiamethoxam mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 34.   | Bitertanol mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 35.   | Kresoxim Methyl mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 36.   | Propiconazole mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 37.   | Triadimefon mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 38.   | Difenoconazole mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 39.   | Tridemorph mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 40.   | Azoxystrobin mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 41.   | Pyraclostrobin mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 42.   | Trifloxystrobin mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 43.   | Methyl Chlorophenoxy Acetic Acid (MCPA) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.010 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |

  
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Report No. JK-435/AUG/26

ULR:TC535126000005681F



| S.No. | Quality Characteristics          | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44.   | Chlorimuron ethyl mg/kg          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 45.   | Sulfosulfuron mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 46.   | Methabenzthiazuron mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 47.   | Triallate mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 48.   | Clodinafop-propargyl mg/kg       | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 49.   | Metsulfuron Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 50.   | Epoxyconazole mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 51.   | Picoxystrobin mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 52.   | Triasulfuron mg/kg               | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 53.   | Iodosulfuron Methyl Sodium mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 54.   | Mesosulfuron Methyl mg/kg        | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 55.   | Pinoxaden mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.7 mg/kg max.                                                                                                                                                  |
| 56.   | Thiophanate-Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 57.   | Deltamethrin (Decamethrin) mg/kg | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |

  
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Report No. JK-435/AUG/26

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| S.No. | Quality Characteristics                                                                                   | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 58.   | Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl) mg/kg                       | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 59.   | Malathion (Malathion to be determined and expressed as combined residues of malathion and malaoxon) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 10.0 mg/kg max.                                                                                                                                                 |
| 60.   | Pirimiphos-methyl mg/kg                                                                                   | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 7 mg/kg max.                                                                                                                                                    |
| 61.   | Fipronil mg/kg                                                                                            | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 62.   | Trifluralin mg/kg                                                                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 63.   | Fenoxaprop-p-ethyl mg/kg                                                                                  | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 64.   | Carfentrazone Ethyl mg/kg                                                                                 | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |

\*Parameter requested by DO in Form-VI.

**Opinion:** On the basis of tests performed above, the sample of **Wheat does not conform** to the standards laid down under the Regulation No. 2.4.6(2) of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011 as the sample shows **Foreign Matter (Extraneous Matter), Mineral Matter and Ergot affected grains above the maximum prescribed limit**. The sample is thus **substandard under section 3(1)(zx) and unsafe under section 3(1)(zz)(xi) of FSS Act, 2006**.

Signed this on 03<sup>rd</sup> August, 2026

ADDRESS:  
 NATIONAL FOOD LABORATORY  
 FSSAI Complex, Ahinsa Khand-II, Indirapuram  
 Ghaziabad, U.P-201014

Note: The report pertains to the sample submitted to this lab and only for the test parameters mentioned as above.

---End of the test report---

Food Analyst

रूबी मिश्रा / RUBY MISHRA  
 खाद्य विश्लेषक / Food Analyst  
 राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
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राष्ट्रीय खाद्य प्रयोगशाला, गाजियाबाद  
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Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-436/AUG/26 1450

ULR:TC535126000005682F



FORM-VII A  
Report of the Food Analyst  
[See Rule 2.4.2(5) and 2.4.4(6)]

Certified that I, **Ruby Mishra, Food Analyst** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **National Food Laboratory, Ghaziabad** received from "**Food Safety Officer, Dachhan**" a sample of "**Wheat**" bearing Code number and serial number: **DOF/K/26/52** of Designated Officer of District **Kishtwar (J&K)** area on **21-07-2026** for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seals on the sample container were intact, unbroken and the seals tallied with the specimen impression of the seal given on memorandum (Form VI).

I found the sample to be "**Wheat**" falling under Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011. The sample was in a condition fit for analysis and has been analyzed on **21-07-2026 to 31-07-2026** and the result of its analysis is given below.

Reason – Not Applicable

रुबी मिश्रा / RUBY MISHRA  
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राष्ट्रीय खाद्य प्रयोगशाला / National Food Laboratory  
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o/c





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Food Safety & Standards Authority of India  
Ministry of Health & Family Welfare (Govt. of India)

Report No. JK-436/AUG/26

ULR:TC535126000005682F



**Analysis Report:**

(i) **Sample Description:** Sample of **Wheat** was received in a Plastic bottle (non-mfg. pack), kept in a cardboard box & paper pack and sealed by food safety administration.

(ii) **Physical appearance-** Sample of **Wheat** was in the form of light brown colour grains, free from visible insects and rodent contamination.

**Parameters covered under NABL Scope:**

| S.No. | Quality Characteristics                                         | Name of the method of the test used | Results                    | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------------------------|-------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Uric acid mg/kg                                                 | NFL/CH/SOP-063 by HPLC              | 63.06                      | 100 mg/kg max.                                                                                                                                                  |
| 2.    | Moisture %w/w                                                   | FSSAI 03.006:2023                   | 10.80                      | 14.0 % max.                                                                                                                                                     |
| 3.    | Foreign Matter (Extraneous Matter) (%w/w)                       | FSSAI 03.001:2023                   | 0.41                       | 1.0 % max.                                                                                                                                                      |
| 4.    | Other edible grains (%w/w)                                      | FSSAI 03.003:2023                   | Nil                        | 6.0 % max.                                                                                                                                                      |
| 5.    | Damaged grains (%w/w)                                           | FSSAI 03.003:2023                   | 2.12                       | 6.0 % max.                                                                                                                                                      |
| 6.    | Total of foreign matter, other edible grains and damaged grains | -                                   | 2.53                       | 12.0 % max.                                                                                                                                                     |
| 7.    | Mineral Matter (%w/w)                                           | FSSAI 03.001:2023                   | 0.34                       | 0.25 % max.                                                                                                                                                     |
| 8.    | Impurities of animal origin (%w/w)                              | FSSAI 03.004:2023                   | Nil                        | 0.10 % max.                                                                                                                                                     |
| 9.    | Kernel bunt affected grains (%w/w)                              | FSSAI 03.003:2023                   | 0.21                       | 3.0 % max.                                                                                                                                                      |
| 10.   | Ergot affected grains (%w/w)                                    | FSSAI 03.003:2023                   | 0.12                       | 0.05 % max.                                                                                                                                                     |
| 11.   | Weevilled grains (%w/w)                                         | FSSAI 03.003:2023                   | 1.16                       | 10.0 % max.                                                                                                                                                     |
| 12.   | *Alcoholic acidity, %w/w                                        | FSSAI 03.015: 2023                  | 0.10                       | -                                                                                                                                                               |
| 13.   | Deoxynivalenol (DON) µg/kg                                      | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ- 100.0 µg /kg) | 1000 µg/kg max.                                                                                                                                                 |

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Report No. JK-436/AUG/26

ULR:TC535126000005682F



| S.No. | Quality Characteristics                                                                            | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|----------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.   | Ochratoxin A µg/kg                                                                                 | NFL/CH/SOP-013 by HPLC-FLD          | BLQ<br>(LOQ- 4.0 µg /kg)  | 5.0 µg/kg max.                                                                                                                                                  |
| 15.   | Total aflatoxins µg/kg                                                                             | NFL/CH/SOP-013, By HPLC-FLD         | BLQ                       | 15 µg/kg max.                                                                                                                                                   |
| 16.   | Aflatoxins B1 µg/kg                                                                                | NFL/CH/SOP-013, By HPLC-FLD         | BLQ<br>(LOQ- 1.50 µg /kg) | 10 µg/kg max.                                                                                                                                                   |
| 17.   | Mercury (as Hg) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 1.0 mg/kg max.                                                                                                                                                  |
| 18.   | Cadmium (as Cd) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |
| 19.   | Lead (as Pb) mg/kg                                                                                 | NFL/CH/SOP-011 by ICP-MS            | 0.16                      | 0.2 mg/kg max.                                                                                                                                                  |
| 20.   | Arsenic (as As) mg/kg                                                                              | NFL/CH/SOP-011 by ICP-MS            | 0.21                      | 1.1 mg/kg max.                                                                                                                                                  |
| 21.   | Tin (as Sn) mg/kg                                                                                  | NFL/CH/SOP-011 by ICP-MS            | BLQ<br>(LOQ-0.080 mg/kg)  | 250 mg/kg max.                                                                                                                                                  |
| 22.   | Copper (as Cu) mg/kg                                                                               | NFL/CH/SOP-011 by ICP-MS            | 2.45                      | 30 mg/kg max.                                                                                                                                                   |
| 23.   | Cypermethrin (sum of isomers) (fat soluble residue), mg/kg                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 24.   | Chlorpyrifos, mg/kg                                                                                | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 25.   | Carbaryl mg/kg                                                                                     | NFL/CH/SOP-007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |
| 26.   | Monocrotophos mg/kg                                                                                | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 27.   | Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 28.   | Isoproturon mg/kg                                                                                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |

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| S.No. | Quality Characteristics                       | Name of the method of the test used | Results                   | Prescribed standards as per (a) As per provisions of the Act, and the Rules and Regulations made thereunder. (b) As per label declaration for Proprietary food. |
|-------|-----------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.   | Carbendazim mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 30.   | Pendimethalin mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 31.   | Metribuzin mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 32.   | Tebuconazole mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.15 mg/kg max.                                                                                                                                                 |
| 33.   | Thiamethoxam mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 34.   | Bitertanol mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 35.   | Kresoxim Methyl mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 36.   | Propiconazole mg/kg                           | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 37.   | Triadimefon mg/kg                             | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 38.   | Difenoconazole mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 39.   | Tridemorph mg/kg                              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 40.   | Azoxystrobin mg/kg                            | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 41.   | Pyraclostrobin mg/kg                          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 42.   | Trifloxystrobin mg/kg                         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.2 mg/kg max.                                                                                                                                                  |
| 43.   | Methyl Chlorophenoxy Acetic Acid (MCPA) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.010 mg/kg)  | 0.2 mg/kg max.                                                                                                                                                  |

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|-------|----------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 44.   | Chlorimuron ethyl mg/kg          | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 45.   | Sulfosulfuron mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 46.   | Methabenzthiazuron mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.5 mg/kg max.                                                                                                                                                  |
| 47.   | Triallate mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 48.   | Clodinafop-propargyl mg/kg       | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 49.   | Metsulfuron Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 50.   | Epoxyconazole mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 51.   | Picoxystrobin mg/kg              | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 52.   | Triasulfuron mg/kg               | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 53.   | Iodosulfuron Methyl Sodium mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 54.   | Mesosulfuron Methyl mg/kg        | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 55.   | Pinoxaden mg/kg                  | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.7 mg/kg max.                                                                                                                                                  |
| 56.   | Thiophanate-Methyl mg/kg         | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.03 mg/kg max.                                                                                                                                                 |
| 57.   | Deltamethrin (Decamethrin) mg/kg | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 2.0 mg/kg max.                                                                                                                                                  |

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|-------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 58.   | Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl) mg/kg                       | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.1 mg/kg max.                                                                                                                                                  |
| 59.   | Malathion (Malathion to be determined and expressed as combined residues of malathion and malaoxon) mg/kg | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 10.0 mg/kg max.                                                                                                                                                 |
| 60.   | Pirimiphos-methyl mg/kg                                                                                   | NFL/CH/SOP/007 by LCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 7 mg/kg max.                                                                                                                                                    |
| 61.   | Fipronil mg/kg                                                                                            | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |
| 62.   | Trifluralin mg/kg                                                                                         | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.05 mg/kg max.                                                                                                                                                 |
| 63.   | Fenoxaprop-p-ethyl mg/kg                                                                                  | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.02 mg/kg max.                                                                                                                                                 |
| 64.   | Carfentrazone Ethyl mg/kg                                                                                 | NFL/CH/SOP/007 by GCMS/MS           | BLQ<br>(LOQ-0.0050 mg/kg) | 0.01 mg/kg max.                                                                                                                                                 |

\*Parameter requested by DO in Form-VI.

**Opinion:** On the basis of tests performed above, the sample of **Wheat does not conform** to the standards laid down under the Regulation No. **2.4.6(2)** of Food Safety and Standards (Food Products Standards and Food Additives) Regulation, 2011 as the sample shows **Mineral Matter and Ergot affected grains above the maximum prescribed limit**. The sample is thus **substandard under section 3(1)(zx) and unsafe under section 3(1)(zz)(xi) of FSS Act, 2006**.

**Signed this on 03<sup>rd</sup> August, 2026**

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Note: The report pertains to the sample submitted to this lab and only for the test parameters mentioned as above.

---End of the test report---

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