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**FARE LABS Private Limited** (Testing Division)
**Location 1 (Permanent Facility)**
L-17/3, DLF Phase-II, IFFCO Chowk,
M.G. Road, Gurugram - 122 002, Haryana, INDIA.
Tel. : +91-124-4223207-08, 4034205 | Cell : +91-9289351688
**Location 1 (Permanent Site Facility)**
D-18, Infocity Ph.-II, Sec-33, Gurugram - 122001, Haryana, INDIA.
Tel. : +91-124-4057437 | Cell : +91-9289351688
Email : farelabs@farelabs.com | Website : www.farelabs.com

## TEST REPORT

**Issued to: Avyra Foods**
Avyra Foods Ug1, Block B, Nandi Residency, Hdfc Lane,
Opposite Tivoli Garden, Chhattarpur, Delhi, India

J.O. No.: FL/FA/18092026-045
ULR Code: TC5503 26 0 00093510 F
Report Date: 23/09/2026
Sample Receipt Date: 18/09/2026
Account Manager: BD Team 23
Quote No & Dt: BD23-001405 & 07-09-2026

**Customer Provided Information: #**
Nature/Name of the Sample : **Raw Makhana (Fox Nuts)**
**Laboratory Provided Information:**
Sample Receiving Condition : Fit for Analysis
Sample Quantity : 1x100g, Polypack
Date of Performance of Test : 18th – 23rd Sept, 2026
Method of Sampling : The sample is provided by Avyra Foods, At the premises of FARE Labs.

TC-5503

## Analysis Report

**Physical Description:** Makhana, Free from foreign matter.

| S. No. | Parameter | Test Result | FSSR, 2011 | Protocol |
|---|---|---|---|---|
| **Nutritional Analysis:** | | | | |
| 1 | Energy, Kcal/100g | 367.43 | Not specified | FL/SOP/FC-06 |
| 2 | Protein, g/100g | 9.01 | Not specified | IS-7219 |
| 3 | Carbohydrates, g/100g | 81.70 | Not specified | IS-1656 |
| 4 | Total Sugars, g/100g | 0.67 | Not specified | FSSAI Manual 4, 2015 |
| 5 | Added Sugars, g/100g | ND, [DL-0.5] | Not specified | FL/SOP/FC-18 |
| | Dietary Fibre, g/100g | 6.83 | Not specified | AOAC 985.29 |
| 6 | Total Fat, g/100g | 0.55 | Not specified | IS-4684 |
| 7 | Sodium, mg/100g | 25.63 | NOT SPECIFIED | FL/SOP/11-13 |
| **Fatty Acid Profile:** | | | | |
| 1 | Saturated Fat, g/100g of food | 0.22 | Not Specified | FL/SOP/02-45 |
| | Trans Fat, g/100g of food | ND, [DL-0.05] | NMT 2 | FL/SOP/02-45 |

**NMT**=Not More Than; **ND**=Not Detected; **DL**=Detection Limit
**Inference:** The tested sample **conforms** to FSSR, 2011 w.r.t. above test only.
**Note**: This report is issued exclusively for domestic use and is not intended for export purposes

**Reviewed By**



**Authorised Signatory**
Ms. Chhaya Shakya, Scientist-B

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****End of Report****



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J.O. No.: FL/FA/18092026-045
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Account Manager: BD Team 23
Quote No & DT: BD23-001405 & 07-09-2026

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**Laboratory Provided Information:**
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Method of Sampling : The sample is provided by Avyra Foods,
At the premises of FARE Labs.

TC-5503

## Analysis Report

**Physical Description:** Makhana, Free from foreign matter.

| S. No. | Parameter | Test Result | FSSR, 2011 | Protocol |
|---|---|---|---|---|
| **Chemical Analysis:** | | | | |
| 1 | Moisture Content, % by wt | 6.94 | Not specified | IS 4684 |

**Reviewed By**



**Authorised Signatory**
Ms. Chhaya Shakya, Scientist-B

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## TEST REPORT

**Issued to: Avyra Foods**
Avyra Foods Ug1, Block B, Nandi Residency, Hdfc Lane,
Opposite Tivoli Garden, Chhattarpur, Delhi, India

J.O. No.: FL/FA/18092026-046
ULR Code: TC5503 26 0 00093511 F
Report Date: 23/09/2026
Sample Receipt Date: 18/09/2026
Account Manager: BD Team 23
Quote No & DT: BD23-001405 & 07-09-2026

**Customer Provided Information: #**
Nature/Name of the Sample : **Raw Makhana (Fox Nuts)**
**Laboratory Provided Information:**
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Sample Quantity : 1x100g, Polypack
Date of Performance of Test : 18th - 23rd Sept, 2026
Method of Sampling : The sample is provided by Avyra Foods,
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TC-5503

### Analysis Report

| S. No. | Parameter | Test Result | FSSR, 2011 | Protocol |
|---|---|---|---|---|
| 1 | Melamine | BLQ, [LOQ-0.25] | NMT 2.5 | FL/SOP/04-02 |
| **Heavy Metals:** | | | | |
| 1 | Lead, mg/kg | BLQ, [LOQ-0.25] | NMT 2.5 | FL/SOP/12-31 |
| 2 | Arsenic, mg/kg | BLQ, [LOQ-0.1] | NMT 1.1 | FL/SOP/12-31 |
| 3 | Cadmium, mg/kg | BLQ, [LOQ-0.1] | NMT 1.5 | FL/SOP/12-31 |
| **Mycotoxins(µg/kg)** | | | | |
| 1 | Total Aflatoxins | BLQ, [LOQ-1] | not specified | FL/SOP/04-01 |
| 2 | Aflatoxin B1 | BLQ, [LOQ-1] | not specified | FL/SOP/04-01 |

**Reviewed By**

**Authorised Signatory**
Mr. Jitender, Scientist-B



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**Issued to: Avyra Foods**
Avyra Foods Ug1, Block B, Nandi Residency, Hdfc Lane,
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J.O. No.: FL/FA/18092026-046
ULR Code: TC5503 26 0 00093511 F
Report Date: 23/09/2026
Sample Receipt Date: 18/09/2026
Account Manager: BD Team 23
Quote No & DT: BD23-001405 & 07-09-2026

**Customer Provided Information: #**
Nature/Name of the Sample : **Raw Makhana (Fox Nuts)**
**Laboratory Provided Information:**
Sample Receiving Condition : Fit for Analysis
Sample Quantity : 1x100g, Polypack
Date of Performance of Test : 18th – 23rd Sept, 2026
Method of Sampling : The sample is provided by Avyra Foods, At the premises of FARE Labs.

TC-5503

## Analysis Report

| S. No. | Parameter | Test Result | FSSR, 2011 | Protocol |
|---|---|---|---|---|
| **Banned Pesticides, mg/kg** | | | | |
| 1 | Aldicarb | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/03-01 |
| 2 | Aldrin | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 3 | Dieldrin | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 4 | Chlordane | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 5 | Heptachlor | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 6 | Lindane (Gamma-HCH) | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 7 | Endosulfan | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 8 | Carbofuran | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/03-01 |
| 9 | Methomyl | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/03-01 |
| 10 | Phosphamidon | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/03-01 |
| 11 | Captafol | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 12 | Formothion | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 13 | Simazine | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/03-01 |
| 14 | Diazinon | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 15 | 2,4-DDD | BLQ, [LOQ-0.005] | NMT 0.05 | FL/SOP/05-01 |
| 16 | 4,4-DDD | BLQ, [LOQ-0.005] | NMT 0.05 | FL/SOP/05-01 |
| 17 | 2,4-DDE | BLQ, [LOQ-0.005] | NMT 0.05 | FL/SOP/05-01 |
| 18 | 4,4-DDE | BLQ, [LOQ-0.005] | NMT 0.05 | FL/SOP/05-01 |
| 19 | 2,4-DDT | BLQ, [LOQ-0.005] | NMT 0.05 | FL/SOP/05-01 |
| 20 | 4,4-DDT | BLQ, [LOQ-0.005] | NMT 0.05 | FL/SOP/05-01 |
| 21 | Fenitrothion | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 22 | Fenthion | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 23 | Methyl Parathion | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 24 | Ethyl Parathion | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-01 |
| 25 | Monocrotophos | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/03-01 |
| 26 | Ferbam as CS2 | BLQ, [LOQ-0.005] | NMT 0.01 | FL/SOP/05-04 |

**Reviewed By**

**Authorised Signatory**
Mr. Mithilesh Kumar, Scientist-B



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TC-5503

### Analysis Report

| S. No. | Parameter | Test Result | FSSR, 2011 | Protocol |
|---|---|---|---|---|
| **Microbiological Analysis:** | | | | |
| 1 | Total Plate Count, cfu/g | 60 | Not Specified | IS-5402 (P-1) |
| 2 | Coliform Count, cfu/g | <10 | Not Specified | IS-5401 (P-1) |
| 3 | E. coli, per g | Absent | Not Specified | IS-5887 (P-1) |
| 4 | Yeast & Mould Count, cfu/g | <10 | Not Specified | IS-5403 |
| 5 | Salmonella sp., per 25g | Absent | Not Specified | IS-5887 (P-3): Sec-1 |

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

**Authorised Signatory**
Ms. Meenakshi Bakshi, Scientist-B



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