



ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
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TEST REPORT

DOC No. ITS/7.8-01

Food Sample Analysis

Report Code:FD-230825-10

Issue Date: 28/08/2025

Issued To : Unique Food Processing Pvt. Ltd.

1st Floor, G-170, Sector-63, Noida (UP)

Sample Description : Makhana Cookies
Sample Drawn By : By Customer
Sample Received On : 23/08/2025
Sample Quantity : 250gm
Weather Conditions : Normal
Analysis Duration : 23/08/2025 To 28/08/2025
Remark (If Any) : NA

"Nutritional Analysis of Makhana Cookies"

S. No.	Parameter	Test Result as per 100gm	Unit	Protocol
1	Total Energy	356.82	Kcal	By Calculation
2	Total Fat	12.90	gm	AOAC
3	Saturated Fat	5.90	gm	AOAC
4	Polyunsaturated Fat	3.97	gm	AOAC
5	Monounsaturated Fat	3.03	gm	AOAC
6	Cholesterol	1.18	mg	AOAC
7	Protein	4.48	gm	IS:7219
8	Dietary Fiber	4.78	gm	AOAC
9	Total Carbohydrate	55.70	gm	By Calculation
10	Sugar	24.29	gm	AOAC
11	Sodium	3.0	mg	Flame photometer
12	Potassium	1.14	mg	Flame photometer
13	Calcium	1.38	mg	By AAS
14	Iron	1.26	mg	By AAS
15	Magnesium	2.90	mg	By AAS

"Physio-Chemical Analysis of Makhana Cookies"

S. No.	Parameters	Test Result	Unit	Protocol
1	Total Moisture	3.80	%	FSSAI MANUAL
2	Total Ash	1.13	%	FSSAI MANUAL
3	Total Acidity	0.14	%	FSSAI MANUAL
4	Acid Soluble Ash	0.04	%	FSSAI MANUAL
5	Acid Insoluble Ash	0.05	%	FSSAI MANUAL
6	Pesticides Residue	Absent	mg/kg	FSSAI MANUAL
7	Taste	Agreeable	-----	FSSAI MANUAL

"Heavy Metals Analysis of Makhana Cookies"

S. No.	Parameter	Test Result	Unit	Limits	Protocol
1	Lead	<0.01mg/kg	mg/kg	<0.05mg/kg	ITS/LAB/SOP-AAS
2	Arsenic	<0.01mg/kg	mg/kg	<0.05mg/kg	ITS/LAB/SOP-AAS
3	Cadmium	<0.01mg/kg	mg/kg	<0.05mg/kg	ITS/LAB/SOP-AAS
4	Mercury	<0.01mg/kg	mg/kg	<0.05mg/kg	ITS/LAB/SOP-AAS

"Microbiological Analysis of Makhana Cookies"

S. No.	Parameter	Test Result	Unit	Limit	Protocol
1	Total Bacteria Count	1.0	cfu/gm	10cfu/gm	IS: 5402 (P-1) 2021
2	Salmonella	Absent	Per 25gm	Absent/25gm	IS: 5887 (P-3)-1999 RA 2022
3	Yeast & Mould	Absent	cfu/gm	Absent/gm	IS: 5403-1993 (RA-2018)

Authorized Signatory



End of Report



Terms & Conditions :

1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will be destroyed as per our policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.



**National Accreditation Board for
Testing and Calibration Laboratories**

CERTIFICATE OF ACCREDITATION

ITS TESTING LABORATORY PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

A-114, SECTOR 80, PHASE-2, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

in the field of

TESTING

Certificate Number: TC-11181

Issue Date: 21/11/2024

Valid Until: 20/11/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: ITS Testing Laboratory Private Limited

Signed for and on behalf of NABL



Anita Rani
Director

N. Venkateswaran
Chief Executive Officer