



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)

Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in

+91 9911659800, 9305780312, 09958849764

TEST REPORT

DOC No. ITS/7.8-02

Food Sample Analysis

Report Code:FD-041225-24

Issue Date: 17/12/2025

Issued To : HIMALAYAN HERITAGE PASTURE UDHYOG
KALPA - RECKONG PEO, KINNAUR VALLEY
HIMACHAL PRADESH - 172107

Sample Description : Desi A2 Cow Ghee
Product Name : Granular Nectar
Batch No. : S1
Sample Drawn By : By Customer
Sample Received On : 04/12/2025
Sample Quantity : 250gm
Condition on Receipt : Good
Weather Conditions : Normal
Analysis Duration : 05/12/2025 To 15/12/2025
Remark (if Any) : NA

Nutritional Analysis of "Desi A2 Cow Ghee"

S. No.	Parameter	Test result as per 100gm	Unit	Protocol
1	Total Energy	900.0	Kcal	By Calculation
2	Total Fat	100.0	gm	AOAC
3	Saturated Fat	61.29	gm	AOAC
4	Polyunsaturated Fat	11.30	gm	AOAC
5	Monounsaturated Fat	27.40	gm	AOAC
6	Trans Fat	1.45	gm	AOAC
7	Cholesterol	167	mg	AOAC
8	Total Carbohydrate	0.0	gm	By Calculation
9	Sugar	0.0	gm	AOAC
10	Total Protein	0.0	gm	IS:7219
11	Crude Fiber	0.0	gm	AOAC
12	Sodium	0.10	mg	Flame Photometer
13	Potassium	0.10	mg	Flame Photometer
14	Iron	0.10	mg	AAS
15	Calcium	0.10	mg	AAS
16	Magnesium	0.0	mg	AAS

"Adulteration Analysis of Desi A2 Cow Ghee"

S. No.	Parameter	Test result	Protocol
1	Refined Oil	Not Detected	DGHS
2	Urea	Not Detected	DGHS
3	Vanaspati Ghee	Not Detected	DGHS
4	Palm Oil	Not Detected	DGHS
5	Flavor	Not Detected	DGHS
6	Added Color	Not Detected	DGHS
7	Synthetic Color	Not Detected	DGHS
8	Starch	Not Detected	DGHS
9	Added Preservative	Not Detected	DGHS

"Microbiological Analysis of Desi A2 Cow Ghee"

S. No.	Parameter	Test Result	Unit	Limit	Protocol
1	Total Bacteria Count	1.0	cfu/ml	10cfu/gm	IS: 5402 (P-1) 2021
2	Salmonella	Absent	Per25 ml	Absent/25gm	IS: 5887 (P-3)-1999 RA 2022
3	Yeast & Mould	Absent	cfu/ml	Absent/gm	IS: 5403-1993 (RA-2018)



Terms & Conditions :

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



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"Heavy Metal Analysis of Desi A2 Cow Ghee"

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

"Physio-Chemical Analysis of Desi A2 Cow Ghee"

S.No.	Parameter	Test Result as per 100gm	Unit	Protocol
1	Total Moisture	0.01	%	FSSAIManual
2	Acid Soluble Ash	Not Detected	%	FSSAIManual
3	Acid Insoluble Ash	Not Detected	%	FSSAIManual
4	Total Ash	0.10	%	FSSAIManual
5	Acidity	0.10	%	FSSAIManual
6	Taste	Agreeable	%	FSSAIManual
7	Odour	Unobjectionable	-----	FSSAIManual
8	pH Value	6.50	%	FSSAIManual
9	BR Value	40	-----	FSSAIManual
10	RM Value	30	-----	FSSAIManual
11	Iodine Value	37	-----	FSSAIManual
12	Free Fatty Acid	1.17	%	FSSAIManual

Checked by
[Signature]

End of Report



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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



Oatman Overseas Pvt. Ltd.

(An ISO 9001:2015 & ISO 45001:2018 ISO 14001:2015 Certified Laboratory)

ISO 9001 : 2015



"Test Report"

Report No. : ORAS/CT/2025260412461	Date : 17/12/2025
Issued to- HIMALAYAN HERITAGE PASTURE UDHYOG KALPA - RECKONG PEO, KINNAUR VALLEY HIMACHAL PRADESH - 172107	Your Reference : Email
	Date of Receipt : 04/12/2025
	Our Reference : Email
	Test Started on : 05/12/2025
	Test Completed on : 15/12/2025
Sample Description:- One Sample Received as "Desi A2 Cow Ghee" Product Name:- Granular Nectar Batch No.:- S1	

Chemical Analysis of "Desi A2 Cow Ghee"

S. No.	Parameter	Test result as per 100gm	Unit	Protocol
1	A2 Protein	4.90	gm	By HPLC

Vitamins Analysis of "Desi A2 Cow Ghee"

S. No.	Parameter	Test result as per 100gm	Unit	Protocol
1	Vitamin A	3820	IU	AOAC
2	Vitamin D	7.90	µg	AOAC
3	Vitamin E	8.20	µg	AOAC
4	Vitamin K	5.80	µg	AOAC

Fatty Acid Profile Analysis of "Desi A2 Cow Ghee"

S. No.	Parameter	Test result as per 100gm	Unit	Protocol
1	Omega 3 (Linolenic acid)	0.48	gm	By GC
2	Omega 6 (Linoleic acid)	2.47	gm	By GC
3	Omega 9 (Oleic acid)	27.80	gm	By GC

Terms & Conditions

- The Total Liability of our Laboratory is limited to the Invoiced Amount. No Liability will be accepted for any sample which is not taken back.
- The result listed refers only to the samples and applicable parameters endorsement of product is neither implied nor implied.
- The sample description is not verified in all cases and is given as described by customers. Sample not drawn by us and Analysis conducted on "As received basis" unless specified otherwise.
- Routine Samples are disposed after suitable Retaining period, while sample of perishable goods are disposed immediately after reporting of sample.
- This report is not to be reported wholly or in parts and cannot be used as evidence in a court of law and shall not be used in advertising media without written permission of CEO of M/s Oatman Overseas Pvt Ltd. Any complaints about this report should be communicated in writing within 7 days of issue of this report.
- All disputes are subject to the Hapur Jurisdiction.

OATMAN OVERSEAS PVT. LTD.
Auto Signature
Manager

H. Off. : Basement 2nd, Near DSR Modern School, Main G.T. Road, Chhapraula, G.B.Nagar (U.P.) - 201009
B. Off. : F001 Concorde Epitome 9th cross road Anathnagar Kasamandra, Bangalore - 560100

oatmanoverseaslab@gmail.com
www.oatmanlab.com