

ORIGINAL NOT NEGOTIABLE

Report Ref : 4012610984


NCML LABS

Test Report

ULR - TC-650726000002435F

Discipline : Chemical

Product Group : Food and Agricultural Products

Sub Group : Fats & Oils and Fat Emulsions

Issued To:

Issue Date : 14-Feb-2026

Client Reference : By TRF

Graze and Grow

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Sample Details:		
Sample ID	:	4012610984
Name of the Sample	:	Badaam Oil
Date of Receipt	:	23-Jan-2026
Job Ref. No.	:	TR/8849/25-26
Place of receipt / Lab	:	Gurgaon
Sample particulars	:	Badaam Oil , Sample Quantity : 200 ML
Sampling Details	:	Sample Not Drawn by us
Analysis Starting Date	:	23-Jan-2026
Analysis Completion Date	:	13-Feb-2026
Sample Condition	:	Fit for analysis

Test Results

S.No	Test Parameter	Unit of Measurement	Test Method	Specification	Test Result
Group : General Parameters					
1	Appearance	-	CommGrade/L3-GG N-FOO-131	Shall be clear	Complies
2	Suspended or other foreign matter, separated water	-	FSSAI Manual of Methods	Absent	Absent
3	Added colouring matter or flavouring substances	-	FSSAI Manual of Methods	Absent	Absent
4	Fat	%	FSSAI Manual of Methods	Not Specified	99.87
5	Mineral oil	%	FSSAI Manual of Methods	Absent	Absent
6	Protein	%	IS 7219: 1973	Not Specified	BLQ(LOQ-0.1)
7	Test for argemone oil	-	FSSAI Manual of Methods	Negative	Negative
8	Carbohydrates	%	IS 1656 : 2022	Not Specified	BLQ(LOQ-0.1)
9	Cholesterol	mg/100g	AOAC 994.10	Not Specified	BLQ(LOQ-1.0)

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S.No	Test Parameter	Unit of Measurement	Test Method	Specification	Test Result
Group : General Parameters					
10	Acid value	-	IS 548 (Part 1/Sec 2) : 2021	Max 6.0	0.87
11	Butyro refractometer reading at 40°C	-	FSSAI Manual of Methods	54.0-57.0	54.8
12	Peroxide value	meq/kg	IS 548 (Part 1/Sec 2) : 2021	Max 10	2.55
13	Iodine value	-	IS 548 (Part 1/Sec 2) : 2021	90 to 109	96.49
14	Rancidity	-	FSSAI Manual	Absent	Absent
15	Refractive Index at 40°C	-	FSSAI Manual of Methods	1.4620-1.4639	1.4625
16	Saponification Value	-	IS 548 (Part 1/Sec 2) : 2021	186 to 195	193.14
Group : Fatty Acids Profile					
17	Monounsaturated fattyacids	g/100g	AOAC 996.06	Not Specified	73.65
18	Polyunsaturated fatty acids	g/100g	AOAC 996.06	Not Specified	18.26
19	Saturated fatty acids	g/100g	AOAC 996.06	Not Specified	7.96
20	Trans Fatty acid (TFA)	g/100g	AOAC 996.06	Not Specified	BLQ(LOQ-0.1)
Group : Metal Contaminants					
21	Sodium	mg/100g	CommGrade/L3-GG N-FOO-003	Not Specified	BLQ(LOQ-0.1)

Remarks

1. Sample complies with the requirements of Food Safety Standards Regulation 2011 with respect to above tested parameters (For specified parameters only).
2. Sample particulars are provided by customer.
3. Where ever applicable, the decision rule as per QSP 27 is applied to declare the statement of conformity to a specification or standard provided in the test report.
4. This report cancels and supersedes report no. 4012610984, dated: 29.01.2026 (parameter has been added on customer request).

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Authorized By
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Technical Manager - Chemical

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----- End of the test report -----