



NIR LABORATORY Pvt. Ltd

(Formerly Known as Neon Industrial Testing & Research Laboratory)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified

Laboratory : 205 A-B, Rajpura, Mawana Road, Near Subhash Inter College Meerut

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TEST REPORT

Issued To - Tajas Farm
Address - Lilaram Mahadev Nagar Malkosani Jodhpur
Rural Malkosani, 342605, JODHPUR, RAJASTHAN

J.O. No. : W20250911-03-015
Report Date : 11-03-2025
Sample Receipt Date : 01-03-2025
NABL Certificate No : TC9175

Customer Provided Information:

Nature/Name of the Sample

: Tejas Bilona Ghee

Laboratory Provided Information:

Sample Quantity & Packaging

Ghee

: 250 ml x 1 Pet Bottle

Test started on

: 01-03-2025

Test Completed

: 11-03-2025

Date of Sampling

: 01-03-2025

Sampling by

: Client

Analysis Report

Physical Description : The material is clear and free from adulterants, sediment, suspended and other foreign matter, separated water and added colouring and flavouring substances.

S. No.	Parameters	Unit	Test Results	Specifications	Test Method
Chemical and Microbiological Analysis					
1	Moisture and insoluble impurities percent by mass, Max	%	0.04%	0.3 Max.	IS 16326 : 2015
2	Milk fat, percent by mass	%	99.87	99.5 Min.	Clause 4 of IS 3509
3	Butyro Refractometer Reading at 40°C	-	41	40-43	IS 16326 : 2015
4	Reichert Meissl Value, Min	-	28.3	Min 26	IS 16326 : 2015
5	Polenske Value	-	1.3	1-2	IS 16326 : 2015
6	Free fatty acid as oleic acid, percent by mass	%	0.23	1.4 Max.	IS 16326 : 2015
7	Peroxide value, milliequivalent of peroxide oxygen per kg	-	0.07	0.6 Max.	Clause 22 of IS 3508
8	Coliform, per gram	-	Absent	Absent	IS 5401 (Part 1)
Metal Analysis and Toxins					
9	Arsenic (as As)	mg/L	ND, (LOQ-0.002)	0.01 Max.	L/SOP/ICPMS-03
10	Cadmium (as Cd)	mg/L	ND, (LOQ-0.001)	0.003 Max.	L/SOP/ICPMS-03
11	Mercury (as Hg)	mg/L	ND, (LOQ-0.0005)	0.001 Max.	L/SOP/ICPMS-03
Nutrition Information per 100 gm					
1	Energy	kcal	899.04	-	IS 3509
2	Total Fat	gm	99.87	-	IS 3509
	Saturated Fat	gm	70.8	-	IS 3509
	Trans Fat	gm	3.8	-	IS 3509
3	Cholesterol	mg	250	-	IS 3509
4	Sodium	mg	0 (Not Detected)	--	IS 3509
5	Total Carbohydrate	gm	0 (Not Detected)	-	IS 3509
6	Added Sugar	gm	0 (Not Detected)	-	IS 3509
7	Protein	gm	0 (Not Detected)	-	IS 3509
8	Vitamin A	Micro gm	690	-	IS 3509
Remark - Sample passes all tests as per regulatory FSSAI requirements for above tests.					

"End of the Report"

