



TEST REPORT



TC-14616

Sample Details		Customer Details	
Sample No.	AF/002091	Company name	M/s.Tech Natura Industries
ULR No	TC1461626000001554F	Address	Ward No. V, P C Kavala P.O, Paippad, Kottayam District, Kerala - 686537
Sample Name	Premium Coconut Oil	Packing Condition	Sealed App 1 Ltr. in plastic bottle
Discipline	Chemical	Other Information	Mfg Date- 22 April 2026
Date of Sample Receipt	14-05-2026		
Date(s) of Performance	14-05-2026 To 15-05-2026		
Date of Report Issue	15-05-2026		

Test Results:

Sr. No.	Test Parameters	Units	Test Methods	Limits (as per Provision of FSS Act 2006)	Results
1	Moisture	%	IS 548 (Part 1/sec 2)	-----	0.08
2	Colour(Lovibond) 1 inch cell	-	IS 548 (Part 1/sec 2)	-----	Y=0.1,R=0.0 = 0.1
3	B. R. Reading @ 40°C	-	IS 548 (Part 1/sec 2)	Min 34.0 - Max 35.5	34.6
4	Refractive Index @ 40°C	-	IS 548 (Part 1/sec 2)	Min 1.4481 - Max 1.4500	1.4485
5	Specific Gravity @ 30°C/30°C	-	IS 548 (Part 1/sec 2)	-----	0.9024
6	Saponification Value	mg of KOH/gm	IS 548 (Part 1/sec 2)	Min 250	258.06
7	Iodine Value	g I ₂ /100g	IS 548 (Part 1/sec 2)	Min 7.5 - Max 10.0	8.05
8	FFA (Lauric Acid)	% wt	IS 548 (Part 1/sec 2)	-----	0.08
9	Acid Value	-	IS 548 (Part 1/sec 2)	Max 6.0	0.23
10	Unsaponifiable Matter	%	IS 548 (Part 1/sec 2)	Max 1.0	0.46
11	Peroxide Value	meq/kg	IS 548 (Part 1/sec 2)	-----	0.65
13	Castor Oil (Molybdate Test)	-	IS 548 (Part II)	Negative	Negative
15	Sesame Oil (Baudouin Test)	-	IS 548 (Part II)	Negative	Negative
17	Cottonseed Oil (Halphen Test)	-	IS 548 (Part II)	Negative	Negative
18	Mineral Oil (Holde Test)	-	IS 548 (Part II)	Negative	Negative

The results relate only to the items / samples tested. Sample will be retained for 30 days from the date of sample submission. The report should not be reproduced except in full without the written approval of the laboratory. The Laboratory is following the latest version of the latest method.



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Sr. No.	Test Parameters	Units	Test Methods	Limits (as per Provision of FSS Act 2006)	Results
19	Argemone Oil	-	IS 548 (Part II)	Negative	Negative

Remark: The above tested sample conforms to the specifications as per FSSAI for the above tested parameters.

Reviewed by

Pranita Parab - QA/QC Manager

SAMPLE SUBMITTED BY PARTY
NOT DRAWN BY
ATLASpec Labs LLP



Authorised Signatory

Mr M Kapadia - Managing Director

ATLAS/QR/ 64.6 Iss. Dt.22-08-2025

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AGMARK
Approved
Laboratory



Quality
Assured
Company



ISO 9001 : 2015
Approved Company

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Sample Name	Premium Coconut Oil	Address	Ward No. V, P C Kavala P.O, Paippad, Kottayam District, Kerala - 686537
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Test Results:

Sr. No.	Test Parameters	Units	Test Methods	Limits (as per Provision of FSS Act 2006)	Results
1	Appearance	-	Visual	-----	Colourless Oil

Remark: The above tested sample conforms to the specifications as per FSSAI for the above tested parameters.

Reviewed by

Pranita Parab - QA/QC Manager

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Mr M Kapadia - Managing Director

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