

TEST REPORT

REPORT NO: GTL/2025/02568

Date: 10.03.2025

ISSUED TO:

Kamban oils and foods
3/99 A, Nalichettipalayam post
Karegoundampalayam
Coimbatore-641697
FSSAI:22425552000279

Sample Reg. No (TRF)	: 1317	Received on	: 06.03.2025
Sample Name	: Oil	Commenced on	: 06.03.2025
Sample code	: GTL-2568	Completed on	: 10.03.2025
Sample description	: Clear, Yellow Colour liquid in a PET Bottle	Sample submission type	: In hand
Sample quantity	: 150 ml	Sampling done by	: Customer
Customer reference	: Groundnut Oil	Sample condition	: Ambient, Good

RESULTS

Sr.No.	Test Code	Test Parameter	Test Method	Result	Unit	LOQ
1	-	Added Sugar	FSSAI Manual-2021	BLQ(LOQ-0.01)		-
2	-	Moisture	GTL/ FD/SOP/015	0.91	%	0.1
3	-	Total Ash	GTL/ FD/SOP/015	BLQ (LOQ-0.1)	%	0.1
4	-	Protein	GTL/ FD/SOP/015	BLQ (LOQ-0.1)	%	1
5	-	Crude fibre	FSSAI Manual,2021	BLQ (LOQ-0.1)	%	1
6	-	Total Fat	GTL/ FD/SOP/015	99.29	%	0.1
7	-	Carbohydrate	GTL/ FD/SOP/015	BLQ (LOQ-0.1)	g/100g	-
8	-	Energy	GTL/ FD/SOP/015	893.61	Kcal/100g	-

FATTY ACID PROFILING

1	C4:0	Butyric Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
2	C6:0	Caproic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
3	C8:0	Caprylic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
4	C10:0	Capric Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
5	C11:0	Undecanoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
6	C12:0	Lauric Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
7	C13:0	Tridecanoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1

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GREENLEAF TESTING LAB

Greenleaf Testing Laboratory

(AN ISO 9001:2015 CERTIFIED LABORATORY)

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8	C14:0	Myristic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
9	C15:0	Pentadecanoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
10	C16:0	Palmitic Acid	AOAC 21st edition 996.06	13.08	g/100g	0.1
11	C17:0	Heptadecanoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
12	C18:0	Stearic Acid	AOAC 21st edition 996.06	3.07	g/100g	0.1
13	C20:0	Arachidic Acid	AOAC 21st edition 996.06	1.27	g/100g	0.1
14	C21:0	Heneicosanoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
15	C22:0	Behenic Acid	AOAC 21st edition 996.06	2.21	g/100g	0.1
16	C23:0	Tricosanoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
17	C24:0	Lignoceric Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
18	-	Total Saturated Fat	AOAC 21st edition 996.06	19.63	g/100g	0.1
19	C14:1	Myristoleic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
20	C15:1	Cis-10 Pentadecenoic acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
21	C16:1	Palmitoleic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
22	C17:1	Cis-10 Heptadecanoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
23	C18:1n9 c	Oleic Acid	AOAC 21st edition 996.06	40.09	g/100g	0.1
24	C20:1	Cis-11 Eicosenoic Acid	AOAC 21st edition 996.06	0.16	g/100g	0.1
25	C22:1n9	Erucic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
26	C24:1	Nervonic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
27	-	Total Monounsaturated Fat	AOAC 21st edition 996.06	40.25	g/100g	0.1
28	C18:2n6 c	Linoleic Acid	AOAC 21st edition 996.06	37.52	g/100g	0.1
29	C18:3n3	Linolenic Acid	AOAC 21st edition 996.06	0.84	g/100g	0.1
30	C18:3n6	Gamma- Linolenic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
31	C20:2	Cis-11,14- Eicosadienoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1

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32	C20:3n3	Cis- 11,14,17- Eicosatrienoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
33	C20:3n6	Cis-8, 11,14- Eicosatrienoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
34	C20:4n6	Arachidonic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
35	C20:5n3	cis 5,8,11,14,17, Eicosapentaenoic acid	AOAC 21st edition 996.06	1.05	g/100g	0.1
36	C22:2	Cis-13,16 Docosadienoic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
37	C22:6n3	Cis-4,7,10,13,16,19 Docosahexaenoic acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
38	-	Total Polyunsaturated Fat	AOAC 21st edition 996.06	39.41	g/100g	0.1
39	C18:1n9t	Elaidic acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
40	C18:2n6t	Linolelaidic Acid	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
41	-	Total Trans Fat	AOAC 21st edition 996.06	BLQ(LOQ-0.1)	g/100g	0.1
42		Cholesterol	AOAC 994.10	BLQ(LOQ-1.0)	g/100g	1.0

* NOTE: BLQ - Below Limit of Quantification LOQ- Limit of Quantification, Above parameters subcontracted. This supplementary certificate replaces the previous certificate 1778

**** END OF REPORT****

S.V.
Verified by



For Greenleaf Testing Laboratory

Sradha

Authorized signatory

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