



# Quality Services & Solutions (Gujarat)

Plot No. 70 & 71, Second Floor, Sector No.19A,

Vashi, Navi Mumbai - 400 705

Landline No.: (022) 27830016, 27830017 Mobile No.: 9967721437

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## Test Report

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<b>Report No. QSS/10/VSH/02901/23-24</b>	<b>Date of Issue :</b> 07/10/2023
<b>Issued To:</b> <b>Feel Ek Anokha Ehsaas</b> Puttur,Udupi,Mangalore,karnataka - 576102 Mangalore Karnataka  Contact Person : Kalpana Contact No.: 903615271 Email : info@feeloil.in	<b>Sample Receipt Date</b> 06/10/2023 <b>Analysis start Date</b> 06/10/2023 <b>Analysis End Date</b> 07/10/2023

### Particulars of Sample Submitted

Discipline	: Chemical	Group Name	: Food & Agricultural Products(N)
Sample described as	: Coconut Oil		
Mark on Sample'	: Coconut Oil		
Sample Quantity	: 120 ml Approx		: Customer
Sample condition	: Self Sealed Packed In Plastic Bottle	Sampling Location	: NA
Other details	: -	Sampling SOP/Method	: NA
		Date of Sampling	: 06/10/2023

### TEST RESULTS

S.No.	Parameters	Results	LOQ	Specification	UOM	Method
<b>Chemical</b>						
1	BR Reading	35	-	34 to 35.5	-	FSSAI Manual- Oil and fats
<b>FATTY ACID COMPOSITION:</b>						
2	Butyric acid (C4:0)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
3	Caproic acid (C6:0)	0.40	-	ND to 1.0	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
4	Caprylic acid (C8:0)	6.83	-	4 to 10	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
5	Capric acid (C10:0)	5.35	-	5 to 10	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
6	Undecanoic acid (C11:0)	0.02	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
7	Lauric acid (C12:0)	46.74	-	44 to 53.2	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
8	Tridecanoic acid (C13:0)	0.04	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
9	Myristic acid (C14:0)	20.21	-	13 to 21.9	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
10	Myristoleic acid (C14:1)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
11	Pentadecanoic acid (C15:0)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015

For Quality Services & Solutions (Gujarat)



#### Reviewed by

Praniksha Paresh Sawant  
Sr. Executive-lab Coordinator

#### Authorized Signatory

Chetana Vankar  
Technical Manager



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S.No.	Parameters	Results	LOQ	Specification	UOM	Method
12	cis-10 Pentadecanoic acid (C15:1)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
13	Palmitic acid (C16:0)	8.57	-	7.5 to 11.0	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
14	Palmitoleic acid (C16:1)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
15	Heptadecanoic acid (C17:0)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015 ISO 12966 (Part-2):2017 (Part-4) :2015
16	cis-10 Heptadecanoic acid (C17:1)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
17	Stearic acid (C18:0)	2.82	-	1.0 to 4.9	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
18	Elaidic acid (C18:1n9t)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
19	Oleic acid (C18:1n9c)	6.70	-	5.1 to 10.0	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
20	Lenolelaidic (C18:2n6t)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
21	Linoleic acid acid (C18:2n6c)	1.67	-	1.0 to 2.5	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
22	Arachidic acid (C20:0)	0.07	-	ND to 0.2	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
23	γ-Linolenic acid (C18:3n6)	Not Detected	-	ND to 0.2	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
24	cis-11 Eicosenoic acid (C20:1)	0.03	-	ND to 0.2	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
25	Linolenic acid (C18:3n3)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
26	Heneicosanoic acid (C21:0)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
27	cis-11,14-Eicosadienoic acid (C20:2)	0.53	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
28	Behenic acid (C22:0)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
29	cis-8,11,14-Eicosatrienoic acid	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017

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### TEST RESULTS

S.No.	Parameters	Results	LOQ	Specification	UOM	Method
29	(C20:3n6)					(Part-4) :2015
30	Eructic acid (C22:1n9)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
31	cis-11,14,17-Eicosatrienoic acid (C20:3n3)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
32	Tricosanoic acid (C23:0)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
33	Methyl cis-5,8,11,14-eicosatetraenoic acid (C20:4n6)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
34	cis-13,16-Docosadienoic acid (C22:2)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
35	Lignoceric acid (C24:0)	0.02	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
36	cis-5,8,11,14,17-Eicosapentaenoic acid (C20:5n3)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
37	Nervonic acid (C24:1)	Not Detected	-	ND	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
38	cis-4,7,10,13,16,19-Docosahexaenoic acid (C22:6n3)	Not Detected	-	-	g/100g	ISO 12966 (Part-2):2017 (Part-4) :2015
39	Free Fatty Acid	0.40	-	NMT 3	g/100g	FSSAI Manual- Oil and fats
40	Peroxide Value	Not Detected	-	Max 10	mequ.of O2/kg	FSSAI Manual- Oil and fats

**Remarks :** The sample complies to above tested parameters.

**Note:**

- 1) The result are related to the sample/s tested only.
- 2) Remaining portion of sample after testing (if any) will be retained for max. 01 Month only.
- 3) Contents of this report are meant for your guidance & should not be used for advertisement, evidence or litigation.
- 4) This Test Report shall not be reproduced except in full, without the written approval of Quality Service & Solutions (Gujarat).
- 5) Total Liability of our Institution is limited to the Invoice Amount / Testing Charges.
- 6) Subject to Navi Mumbai Jurisdiction

\*\*\*End of Report\*\*\*

For Quality Services & Solutions (Gujarat)



**Reviewed by**

Praniksha Paresh Sawant  
Sr. Executive-lab Coordinator

**Authorized Signatory**

Chetana Vankar  
Technical Manager

## **Terms and Conditions:**

### Test Specification and procedures:

- 1.The laboratory will follow only contract specification/s as referred/given by the Customer and applicable on the date of Receipt of sample.
- 2.In the absence of any such specification, the laboratory has freedom to adopt any appropriate national/international specification
- 3.Laboratory shall always follow Standard Operating Procedure adopted from national / international reference Standards
- 4.Any procedure supplied by customer shall be verified for its veracity before implementation
- 5.Any procedure developed by Quality Services and Solutions (Gujarat) shall be executed only after due validation. Information of such validation may be shared with genuine customer on request.
- 6.The laboratory does not take any responsibility for inconsistency in microbiological test results if sampling is not done by us.

### Delivery of Test Reports.

- 1.As a general rule, for all sample except those submitted for microbiological tests, laboratory will maintain 3 working days as (TAT) turnaround time. However, Circumstances beyond control, such as no availability of critical supplies or breakdown of equipment, may result in delay.
- 2.In case of delay, laboratory will make all efforts to keep the customer properly informed.
- 3.Quality Services and Solutions (Gujarat) may, if found suitable, divert the sample/s to another appropriate laboratory within their control, whose competence is frequently assessed.

### Analysis Fees:

1. Fees agreed between laboratory and customer must paid/ credited fully to the Quality Services and solution (Gujarat) account along with requisition for analysis.

### Storage of Samples:

- 1.Perishable samples and samples received for microbiological testing will be destroyed immediately after testing.
- 2.Unspent samples, not acted for testing for any reasons, will be returned to customers on written receipt.
- 3.The record samples will be retained by us till the validity date of sample unless definite instructions to the contrary are received in the meantime.
- 4.If any record samples shows abnormal decomposition during storage, it will be destroyed without any prior consent from the customer.
- 5.The laboratory does not take any responsibility for variance in test results if imperceptible deterioration of material takes place for record samples.
- 6.Record samples will be stored in a closed room at atmospheric temperature and humidity.
- 7.Sample material retained till its validity period will be disposed of totally at discretion of laboratory in charge.

### Responsibility:

1. In case of submitted samples or samples drawn from a warehouse not controlled by Quality Services and Solutions (Gujarat) our Test report will remain valid for the date and time at inspection only.

### Confidentiality:

1. Quality Services and Solutions (Gujarat) maintains strict confidentiality of all the test results and raw data of analysis and will not reveal the information to third party unless required for legal or audit purpose.