



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT



TC-6118

ULR - TC61182200000973F

Report No : QFD22020140-08


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Report Date: 14 Feb 2022

**Customer Name** : M/s. A.R.Dairy Food Private Limited  
**Customer Address** : No:10/5C, Madurai Road,Begampur Post, Dindigul-624 002  
**Sample Name** : Raaj Ghee **Sample Quantity** : 200ml x 2No's  
**Sample Description** : Raaj Ghee **Sample Received on** : 09 Feb 2022  
**Reference** : Test Request Form Date 08.02.2022 **Test Started on** : 09 Feb 2022  
**Sample Identification** : Batch No:TJR, Mfg Date:13.10.2021 **Test Completed on** : 14 Feb 2022  
**Sample Drawn By** : Customer

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2022
<b>Food &amp; Agri- Milk &amp; Dairy Products</b>					
<b>Chemical</b>					
1	Baudouins Test	FSSAI Manual 1	--	Negative	Negative
2	Butyro Refractometer Reading at 40°C	FSSAI Manual 1	--	42.3	40.0-44.0
3	Total Carbohydrates	IS 1656	g/100g	Nil	--
4	Dietary Fibre	AOAC 985.29	g/100g	Nil	--
5	Energy	SMSLA/FD/SOP/011	Kcal/100g	898.47	--
6	Total Fat	SMSLA/FD/SOP/047	g/100g	99.83	NLT 99.5
7	Free Fatty Acid as Oleic acid	FSSAI Manual 1	g/100g	0.315	NMT 2.0
8	Moisture	FSSAI Manual 1	g/100g	0.17	NMT 0.5
9	Peroxide value	FSSAI Manual 1	meq/Kg	Nil	--
10	Polenske value	FSSAI Manual 1	--	1.37	0.5-2.0
11	Protein	AOAC 2001.11	g/100g	Nil	--
12	Reichert Meissel Value	FSSAI Manual 1	--	28.63	NLT 24.0
13	Total Sugar	SMSLA/FD/SOP/019	g/100g	Nil	--
14	Added Sugar	FSSAI Manual 1	g/100g	Nil	--
15	Iodine Value	IS 3508	--	30.81	25-38
16	Saponification Value	IS 3508	mg KOH/g	231.48	205-235
<b>Fatty Acid Profile</b>					
17	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--
18	Omega- 3 Fatty Acids	SMSLA/GM/SOP/01	mg/100g	1447.0	--
19	Omega- 6 Fatty Acids	SMSLA/GM/SOP/01	mg/100g	2247.0	--

  
**K. PRAKASH**  
Senior Chemist

Laboratory Address : 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.  
Certified By : ISO 9001 & ISO 45001.

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Octadecatrienoic acid

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Table with 6 columns: S.NO, Parameter, Test Method, Unit, Results, Requirement as per FSSR 2011 Amd.2022. Rows include Fatty Acid Profile Mono-unsaturated Fatty Acids (MUFA's), Polyunsaturated Fatty Acid (PUFA's), Saturated Fatty Acids, Trans Fatty Acids (TFA's), Sterols, Trace Metal Elements, Vitamins- Fat Soluble, Vitamins- Water Soluble, GC MS Screening, and Antioxidant.

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2022 for the above tested parameters.
Note: BLQ: Below Limit of Quantification; LOQ: Limit of Quantification. NMT: Not more than. NLT: Not less than

/\*\*\*\*\* End of the Report \*\*\*\*\*/

K. PRAKASH
Senior Chemist

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