

### TEST REPORT

**Issued to :**  
**Amritangan Farm**  
 Deoli Arab Road, Borkhera  
 Kota-324002  
 Rajasthan, India

J.O. No. : O&F20876001-010-025  
 ULR Code : TC5532 25 1 00008538 F  
 Issue Date : 06-04-2026  
 Sample Receipt Date : 01-04-2026  
 Account Manager : BD Team 7  
 Credit Manager : Gulab/Septesh



### Customer Provided Information:#

Nature/Name of the Sample : **Desi Cow Ghee**  
 Batch No. : A21014870435960  
 Mfg. Date : Apr.2026

### Laboratory Provided Information:

Sample Quantity & Packaging : 1x900ml, Sealed Glass Jar  
 Date of Performance of Test : 01<sup>st</sup> - 06<sup>th</sup>Apr, 2026  
 Method of Sampling : The Sample is provided by Amritangan Farm at the premises of FARE Labs Pvt. Ltd.



### Analysis Report

**Physical Description :** Light pale yellow colour, acceptable flavor, free from rancidity, added flavouring substances suspended or foreign matter, separated water & Added colouring matter.

S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Nutritional Analysis</b>					
1	Cholesterol	mg/100g	129.21	Present	FL/SOP/02-42
2	Added Sugar	% by wt	ND, [DL-0.01]	0.0	FL/SOP/OC-29
3	Energy	kcal/100g	897.84	44.892	FL/SOP/OC-35
4	Protein	% by wt	ND, [DL-0.01]	0.0	FL/SOP/OC-45
5	Total Carbohydrate	% by wt	ND, [DL-0.01]	0.0	FL/SOP/OC-46
6	Total Fat	% by wt	99.76	148.895	FSSAI Manual For Dairy & Dairy Products
7	Total sugars	% by Wt.	ND, [DL-0.01]	0.0	FL/SOP/OC-29
8	Sodium	mg/100g	BLQ, (LOQ-0.5)	Not Specified	FL/SOP/11-04
<b>Fatty Acid Profile</b>					
1	Mono Unsaturated Fatty Acids	% by wt	27.31	Not Specified	FL/SOP/02-45
2	Poly Unsaturated Fatty Acids	% by wt	2.75	Not Specified	FL/SOP/02-45
3	Saturated Fatty Acids	% by wt	67.79	Not Specified	FL/SOP/02-45
4	Omega 3 Fatty Acid	% by Wt.	0.35	Not Specified	FL/SOP/02-45
5	Omega 6 Fatty Acid	% by Wt.	2.4	Not Specified	FL/SOP/02-45
<b>Trans Fatty Acids</b>					
1	Total Trans Fatty Acids	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45

**ND=** Not Detected; **DL=** Detection Limit; **NMT=** Not More Than **NLT=** Not Less Than

**Inference:** The tested sample **conforms** FSSR, 2011 w.r.t. above tests.

**Authorised Signatory**  
 Mr. Piyush Jai Mallick, Scientist-C

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Nature/Name of the Sample

**Laboratory Provided Information:**

Sample Quantity & Packaging

Date of Performance of Test

Method of Sampling

Sample Picked by

**: Desi Cow Ghee**

: 1x100g, Sealed Pet Jar

: 01<sup>st</sup> - 06<sup>th</sup>Apr, 2026

: FL/SOP/B/D-03

: Mr. Sachin (FARE Labs Representative) at the premises of Amritangan Farm



**Analysis Report**

S. No.	Parameters	Unit	Test Results	Method
<b>Sugar Profile</b>				
1	Lactose	%	ND, [DL-0.1]	FL/SOP/01-13

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## Analysis Report

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S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Chemical Analysis</b>					
1	Milk Fat	% by wt	99.79	NLT 99.5	FSSAI Manual for Dairy & Dairy Products
2	Moisture	% by wt	0.21	NMT 0.5	IS 3508
3	Peroxide value	meq/Kg	0.19	Not Specified	IS 3508
4	Polenske value	--	1.06	0.5-2.0	FSSAI Manual for Dairy & Dairy Products
5	Reichert Meissl Value	--	29.14	NLT 24.0	IS 3508
6	Saponification value	--	225.89	205-235	IS 3508: 1966
7	Baudouin Test	--	Negative	Negative	IS 3508
8	Moisture and Volatile Matter	% by wt	0.21	NMT 0.5	IS 3508
9	RM value	--	29.14	NLT 24.0	IS 3508
10	Presence of Beta-sitosterol	--	Absent	Absent	FSSAI 01.097:2022
11	Butyro-Refractometer Reading at 40°C	--	42.1	40.0 to 44.0	IS 3508
12	Free Fatty Acid (as Oleic Acid)	% by wt	0.72	NMT 2.0	IS 3508
13	Iodine value	--	34.49	25-38	IS 3508: 1966

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S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Heavy Metals</b>					
1	Tin	mg/kg	BLQ, (LOQ-0.05)	NMT 250	FL/SOP/12-05
2	Arsenic	mg/kg	BLQ, (LOQ-0.02)	NMT 1.1	FL/SOP/12-05
3	Cadmium	mg/kg	BLQ, (LOQ-0.02)	NMT 1.5	FL/SOP/12-045
4	Copper	mg/kg	BLQ, (LOQ-0.05)	NMT 30	FL/SOP/12-05
5	Lead	mg/kg	BLQ, (LOQ-0.02)	NMT 0.02	FL/SOP/12-05
6	Mercury	mg/kg	BLQ, (LOQ-0.02)	NMT 1.0	FL/SOP/12-05
7	Methyl mercury as element	mg/kg	BLQ, (LOQ-0.02)	NMT 0.25	FL/SOP/12-05

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 Mr. Mithilesh Kumar, Scientist-B

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S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Fatty Acid Profile</b>					
1	Mono Unsaturated Fatty Acids	% by wt	27.31	Not Specified	FL/SOP/02-45
2	Poly Unsaturated Fatty Acids	% by wt	2.75	Not Specified	FL/SOP/02-45
3	Saturated Fatty Acids	% by wt	67.79	Not Specified	FL/SOP/02-45
4	Omega 3 Fatty Acid	% by Wt.	0.35	Not Specified	FL/SOP/02-45
5	Omega 6 Fatty Acid	% by Wt.	2.4	Not Specified	FL/SOP/02-45
6	Caproic (C6:0)	% by wt	1.686	0.5-2.2	FL/SOP/02-45
7	Butyric (C4:0)	% by wt	2.075	1.0-5.0	FL/SOP/02-45
8	Caprylic (C8:0)	% by wt	1.057	0.4-1.5	FL/SOP/02-45
9	Capric (C10:0)	% by wt	2.219	0.8-5.0	FL/SOP/02-45
10	Undecanoic (C11:0)	% by wt	0.074	Not Specified	FL/SOP/02-45
11	Lauric Acid (C12:0)	% by wt	2.665	1.5-4	FL/SOP/02-45
12	Tridecanoic (C13:0)	% by wt	0.082	Not Specified	FL/SOP/02-45
13	Myristic (C14:0)	% by wt	10.531	6.0-13.0	FL/SOP/02-45
14	Myristoleic (C14:1)	% by wt	1.106	Not Specified	FL/SOP/02-45
15	Pentadecanoic (C15:0)	% by wt	1.17	Not Specified	FL/SOP/02-45
16	Pentadecanoic (C15:1)	% by wt	0.338	Not Specified	FL/SOP/02-45
17	Palmitic (C16:0)	% by wt	33.886	22-38	FL/SOP/02-45
18	Palmitoleic (C16:1)	% by wt	2.162	0.9-2.8	FL/SOP/02-45
19	Heptadecanoic (C17:0)	% by wt	0.743	Not Specified	FL/SOP/02-45
20	Cis-10 Heptadecanoic (C17:1)	% by wt	0.247	Not Specified	FL/SOP/02-45
21	Stearic (C18:0)	% by wt	11.073	8.0-19.0	FL/SOP/02-45
22	Petroselinic (C18:1 6C)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
23	Oleic (C18:1 9c)	% by wt	23.101	19-32	FL/SOP/02-45
24	Vaccanic (C18:1 11C)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
25	Linoleic (C18:2)	% by wt	2.399	0.5-3.5	FL/SOP/02-45
26	Alpha linolenic (C18:3)	% by wt	0.352	0.3-1.0	FL/SOP/02-45

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S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Fatty Acid Profile</b>					
27	Arachidic Acid (C20:0)	% by wt	0.283	Not Specified	FL/SOP/02-45
28	Eicosenoic (C20:1)	% by wt	0.205	Not Specified	FL/SOP/02-45
29	Eicosadenoic Acid (C20:2)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
30	Behenic (C22:0)	% by wt	0.149	Not Specified	FL/SOP/02-45
<b>Trans Fatty Acids</b>					
1	Total Trans Fatty Acids	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
2	Myristoleic (C14:1 Trans)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
3	Pentadecanoic (C15:1 Trans)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
4	Palmitoleic (C16:1 Trans)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
5	Heptadecanoic (C17:1 Trans)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
6	Elaidic (C18:1 Trans)	% by wt	2.025	Not Specified	FL/SOP/02-45
7	Vaccenic (C18:1 Trans)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
8	Linolinate (C18:2 Trans)	% by wt	0.117	Not Specified	FL/SOP/02-45
9	c-9, t-12 Linoleic (C18:2 trans)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45
10	t-9, c-12 Linoleic (C18:2 trans)	% by wt	ND, [DL-0.05]	Not Specified	FL/SOP/02-45

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<b>Pesticide Residues</b>					
1	2,4-Dichlorophenoxy Acetic Acid	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
2	Acephate (expressed as mixture of Methamidophos & acephate)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
3	Acetamiprid	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
4	Azoxystrobin	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
5	Benomyl	mg/kg	BLQ, (LOQ-0.01)	NMT 0.1	FL/SOP/03-01
6	Bifenthrin	mg/kg	BLQ, (LOQ-0.01)	NMT 0.2	FL/SOP/05-01
7	Bitertanol	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
8	Buprofezin	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
9	Carbaryl	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
10	Carbendazim	mg/kg	BLQ, (LOQ-0.01)	NMT 0.1	FL/SOP/03-01
11	Carbofuran (sum of carbofuran & 3-hydroxy carbofuran expressed as carbofuran)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
12	Chlorantraniliprole	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
13	Chlorothalonil	mg/kg	BLQ, (LOQ-0.01)	NMT 0.07	FL/SOP/05-01
14	Chlorpyrifos	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/05-01
15	Chlothianidin (Chlothianidin and its metabolites Thiazolymethylguanidine (TMG), Thiazolymethylurea (TZMU), Methylnitroguanidine (MNG) TMG)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
16	Cypermethrin (sum of isomers) (Fat soluble residue)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/05-01
17	Deltamethrin	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/05-01
18	Dichlorvos (DDVP) (content of dichloroacetaldehyde (D.C.A.) be reported where possible)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/05-01
19	Difenoconazole	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
20	Dimethoate	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01

*Mithilesh Kumar*

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 Account Manager : BD Team 7  
 Credit Manager : Gulab/Septesh



### Customer Provided Information:#

Nature/Name of the Sample : **Desi Cow Ghee**  
 Batch No. : A21014870435960  
 Mfg. Date : Apr.2026

### Laboratory Provided Information:

Sample Quantity & Packaging : 1x900ml, Sealed Glass Jar  
 Date of Performance of Test : 01<sup>st</sup> - 06<sup>th</sup>Apr, 2026  
 Method of Sampling : The Sample is provided by Amritangan Farm at the premises of FARE Labs Pvt. Ltd.



### Analysis Report

S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Pesticide Residues</b>					
21	Dinotefuran	mg/kg	BLQ, (LOQ-0.01)	NMT 0.1	FL/SOP/03-01
22	Mancozeb as CS2	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/05-04
23	Metiram as CS2	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/05-04
24	Edifenphos	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
25	Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.5	FL/SOP/05-01
26	Emamectin Benzoate	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
27	Ethofenprox (Etofenprox)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
28	Fenpropathrin	mg/kg	BLQ, (LOQ-0.01)	NMT 0.1	FL/SOP/05-01
29	Fenvalerate (Fat soluble residue)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/05-01
30	Fipronil	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
31	Flusilazole	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
32	Flubendiamide	mg/kg	BLQ, (LOQ-0.01)	NMT 0.1	FL/SOP/03-01
33	Glufosinate Ammonium	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
34	Imidacloprid	mg/kg	BLQ, (LOQ-0.01)	NMT 0.1	FL/SOP/03-01
35	Indoxacarb	mg/kg	BLQ, (LOQ-0.01)	NMT 0.1	FL/SOP/03-01
36	Kresoxim Methyl	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/05-01
37	Methomyl	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
38	Methyl Chlorophenoxy Acetic Acid (MCPA)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.04	FL/SOP/03-01
39	Metolachlor	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
40	Monocrotophos	mg/kg	BLQ, (LOQ-0.01)	NMT 0.02	FL/SOP/03-01
41	Oxydemeton-Methyl	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
42	Paraquat dichloride (Determined as Paraquatcations)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
43	Penconazole	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
44	Phenthoate	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/05-01

*Mithilesh Kumar*

**Authorised Signatory**  
 Mr. Mithilesh Kumar, Scientist-B

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 #: The details are received from Customer on its own responsibility. FARE Labs Pvt. Ltd. does not Confirm about it and hence does not take any responsibility whatsoever.

### TEST REPORT

**Issued to :**  
**Amritangan Farm**  
 Deoli Arab Road, Borkhera  
 Kota-324002  
 Rajasthan, India

J.O. No. : O&F20876001-010-025  
 ULR Code : TC5532 25 1 00008538 F  
 Issue Date : 06-04-2026  
 Sample Receipt Date : 01-04-2026  
 Account Manager : BD Team 7  
 Credit Manager : Gulab/Septesh



### Customer Provided Information:#

Nature/Name of the Sample : **Desi Cow Ghee**  
 Batch No. : A21014870435960  
 Mfg. Date : Apr.2026

### Laboratory Provided Information:

Sample Quantity & Packaging : 1x900ml, Sealed Glass Jar  
 Date of Performance of Test : 01<sup>st</sup> - 06<sup>th</sup>Apr, 2026  
 Method of Sampling : The Sample is provided by Amritangan Farm at the premises of FARE Labs Pvt. Ltd.



### Analysis Report

S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Pesticide Residues</b>					
45	Phorate (sum of Phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate)	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/05-01
46	Pirimiphos-methyl	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/05-01
47	Propiconazole	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
48	Pyraclostrobin	mg/kg	BLQ, (LOQ-0.01)	NMT 0.03	FL/SOP/03-01
49	Tebuconazole	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
50	Thiacloprid	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
51	Thiamethoxam	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
52	Thiophanate-Methyl	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
53	Trichlorfon	mg/kg	BLQ, (LOQ-0.01)	NMT 0.05	FL/SOP/03-01
54	Triacantanol	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01
55	Triadimefon	mg/kg	BLQ, (LOQ-0.01)	NMT 0.01	FL/SOP/03-01

*Mithilesh Kumar*

**Authorised Signatory**  
 Mr. Mithilesh Kumar, Scientist-B

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**TEST REPORT**

**Issued to :**  
**Amritangan Farm**  
 Deoli Arab Road, Borkhera  
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J.O. No. : O&F20876001-010-025  
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 Issue Date : 06-04-2026  
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**Customer Provided Information:#**

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 Batch No. : A21014870435960  
 Mfg. Date : Apr.2026

**Laboratory Provided Information:**

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 Date of Performance of Test : 01<sup>st</sup> - 06<sup>th</sup>Apr, 2026  
 Method of Sampling : The Sample is provided by Amritangan Farm at the premises of FARE Labs Pvt. Ltd.



**Analysis Report**

S. No.	Parameters	Unit	Test Results	FSSR, 2011	Method
<b>Nutritional Analysis</b>					
1	Cholesterol	mg/100g	129.21	Present	FL/SOP/02-42
2	Added Sugar	% by wt	ND, [DL-0.01]	0.0	FL/SOP/OC-29
3	Energy	kcal/100g	897.84	44.892	FL/SOP/OC-35
4	Protein	% by wt	ND, [DL-0.01]	0.0	FL/SOP/OC-45
5	Total Carbohydrate	% by wt	ND, [DL-0.01]	0.0	FL/SOP/OC-46
6	Total Fat	% by wt	99.76	148.895	FSSAI Manual For Dairy & Dairy Products
7	Total sugars	% by Wt.	ND, [DL-0.01]	0.0	FL/SOP/OC-29
8	Sodium	mg/100g	BLQ, (LOQ-0.5)	Not Specified	FL/SOP/11-04

**ND=** Not Detected; **DL=** Detection Limit; **NMT=** Not More Than **NLT=** Not Less Than  
**Inference:** The tested sample **conforms** FSSR, 2011 w.r.t. above tests.

**Authorised Signatory**  
 Mr. Piyush Jai Mallick, Scientist-C

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