



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-110095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

ULR No.: TC516326000013977F

Report Issue to:
Country Dairy
Tanakpur, Dist.-Champawat, Uttarakhand-262309. Uttarakhand

Report No.	820260824FP045
Sample Code	820260824FP045
Sample Receipt Date	24/08/2026
Test Started On	24/08/2026
Date of Completion	31/08/2026
Issue Date	31/08/2026

Customer Provided Details

Name of Sample	Desi Cow Ghee		
Brand Name	N.S.	Date of Sampling	N.S.
Sample Quantity	453g	Batch No.	N.S.
Sample Submitted by	By Party	Manufacturing Date	Not Specified
Sampling Method	N.S.	Expiry Date	Not Specified
Sample Description	Desi Cow Ghee		

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Requirement as per FSSR-2011 (2.1.8)	Test Method
Physical & Chemical Parameters					
1	Reichert - Miessel (RM) Value	---	32.4	24 Min.	IS 3508: 1966 (CI-12.0)
2	Polenske value	---	1.20	0.5-2.0	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.090:2022)
3	Milk Fat	%	99.77	99.5 min	FSSAI Lab Manual Milk & Milk Product:2022 (Fssai Method No. 01.087:2022)
4	Moisture	%	0.23	0.5 max	FSSAI Lab Manual Milk & Milk Product:2022 (Fssai Method No. 01.086:2022)
5	Peroxide value	meq/kg	BLQ(0.2)	-	FSSAI Lab Manual Milk & Milk Product:2022 (Fssai Method No. 01.094:2022)
6	Baudouin Test	---	Negative	Negative	IS:3508:1996 Clause (21.0)
7	Saponification Value	---	230.6	205-235	IS 3508: 1966 (CI-13.0)



Note: 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not be reproduced wholly or in part and cannot as an evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & URL, it implies that these products & tests are not covered under NABL accredited scope.



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-110095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

Report Issue to:	ULR No.:	TC516326000013977F
Country Dairy	Report No.	820260824FP045
Tanakpur, Dist.-Champurawat, Uttarakhand-262309. Uttarakhand	Sample Code	820260824FP045
	Sample Receipt Date	24/08/2026
	Test Started On	24/08/2026
	Date of Completion	31/08/2026
	Issue Date	31/08/2026

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Requirement as per FSSR-2011 (2.1.8)	Test Method
8	Iodine Value	---	29.58	25-38	IS 3508: 1966 (CI-14.0)
Adultration					
9	Foreign fat	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.010.2022)
10	Test for detergent	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.015.2022)
11	Test for starch	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.003.2022)
12	Test for cane sugar	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.002.2022)
13	Test for sodium chloride	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.009.2022)
14	Test hydrogen peroxide	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.017.2022)
15	Test for neutralizer	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products 2022 (Method no.-FSSAI 01.012.2022)
16	Test for mineral oil	---	Absent	Absent	FSSAI Lab Manual oil & fat products 2021 (Method no.-FSSAI



Note: 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & URL, it implies that these products & tests are not covered under NABL accredited scope.



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-110095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

Report Issue to:	ULR No.:	TC516326000013977F
Country Dairy	Report No.:	820260824FP045
Tanakpur, Dist.-Champawat, Uttarakhand-262309. Uttarakhand	Sample Code	820260824FP045
	Sample Receipt Date	24/08/2026
	Test Started On	24/08/2026
	Date of Completion	31/08/2026
	Issue Date	31/08/2026

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Requirement as per FSSR-2011 (2.1.8)	Test Method
16					02 029 2021)
17	Test for ammonium compound Test for cellulose	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products:2022(Method no.-FSSAI 01.014 2022)
18	Test for sulphates	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products:2022 (Method no.-FSSAI 01.007 2022)
19	Test for nitrates	---	Absent	Absent	FSSAI Lab Manual Milk & Milk products:2022(Method no.-FSSAI 01.012 2022)

Heavy Metals

20	Lead (as Pb)	mg/kg	BLQ(0.01)	2.5 Max	DARL/SOP/CHEM/INST/ /05
21	Copper (as Cu)	mg/kg	BLQ(0.5)	30 Max	DARL/SOP/CHEM/INST/ /05
22	Arsenic (as As)	mg/l	BLQ(0.05)	1.1 Max	DARL/SOP/CHEM/INST/ /05
23	Tin (as Sn)	mg/kg	BLQ(2.0)	250 Max	DARL/SOP/CHEM/INST/ /05
24	Cadmium (as Cd)	mg/kg	BLQ(0.05)	1.5 Max	DARL/SOP/CHEM/INST/ /05
25	Mercury (as Hg)	mg/kg	BLQ(0.05)	1.0 Max	DARL/SOP/CHEM/INST/ /05

Crop Contaminants

26	Total Aflatoxin	µg/kg	BLQ(0.5)	-	DARL/SOP/CHEM/INST/HPLC/07
27	Aflatoxin M1	µg/kg	BLQ(0.1)	-	DARL/SOP/CHEM/INST/LC/04
28	Aflatoxin B1	µg/kg	BLQ(0.5)	-	DARL/SOP/CHEM/INST/HPLC/07

Pesticide Residue

29	Azoxystrobin	mg/kg	BLQ(0.01)	0.01 Max.	DARL/SOP/CHEM/INST/PEST/03
----	--------------	-------	-----------	-----------	----------------------------



Note: 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not be reproduced wholly or in part and cannot as an evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & URL, it implies that these products & tests are not covered under NABL accredited scope.



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-110095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

Report Issue to:
Country Dairy
Tanakpur, Dist.-Champawat, Uttarakhand-262309. Uttarakhand

ULR No.: TC516326000013977F

Report No.	820260824FP045
Sample Code	820260824FP045
Sample Receipt Date	24/08/2026
Test Started On	24/08/2026
Date of Completion	31/08/2026
Issue Date	31/08/2026

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Requirement as per FSSR-2011 (2.1.8)	Test Method
30	Bifenthrin	mg/kg	BLQ(0.01)	0.2 Max.	DARL/SOP/CHEM/INST/PEST/03
31	Carbofuran	mg/kg	BLQ(0.01)	0.05 Max.	DARL/SOP/CHEM/INST/PEST/03
32	Cypermethrin	mg/kg	BLQ(0.01)	0.05 Max.	DARL/SOP/CHEM/INST/PEST/03
33	Deltamethrin	mg/kg	BLQ(0.01)	0.05 Max.	DARL/SOP/CHEM/INST/PEST/03
34	Difenoconazole	mg/kg	BLQ(0.01)	0.2 Max.	DARL/SOP/CHEM/INST/PEST/03
35	Dimethoate	mg/kg	BLQ(0.01)	0.05 Max.	DARL/SOP/CHEM/INST/PEST/03
36	Ethion	mg/kg	BLQ(0.01)	0.5 Max.	DARL/SOP/CHEM/INST/PEST/03
37	Ethofenprox	mg/kg	BLQ(0.01)	0.02 Max.	DARL/SOP/CHEM/INST/PEST/03
38	Fenpropathrin	mg/kg	BLQ(0.01)	0.1 Max.	DARL/SOP/CHEM/INST/PEST/03
39	Fenvalerate	mg/kg	BLQ(0.01)	0.01 Max.	DARL/SOP/CHEM/INST/PEST/03
40	Fipronil	mg/kg	BLQ(0.01)	0.02 Max.	DARL/SOP/CHEM/INST/PEST/03
41	Phorate	mg/kg	BLQ(0.01)	0.05 Max.	DARL/SOP/CHEM/INST/PEST/03
42	Propiconazole	mg/kg	BLQ(0.01)	0.01 Max.	DARL/SOP/CHEM/INST/PEST/03
43	Tebuconazole	mg/kg	BLQ(0.01)	0.01 Max.	DARL/SOP/CHEM/INST/PEST/03
44	2, 4 Dichlorophenoxy acetic acid	mg/kg	BLQ(0.01)	0.05 Max.	DARL/SOP/CHEM/INST/PEST/03
45	Acephate	mg/kg	BLQ(0.01)	0.02 Max.	DARL/SOP/CHEM/INST/PEST/03
46	Acetamiprid	mg/kg	BLQ(0.01)	0.02 Max.	DARL/SOP/CHEM/INST/PEST/03
47	Benomyl	mg/kg	BLQ(0.01)	0.1 Max.	DARL/SOP/CHEM/INST/PEST/03
48	Bitertanol	mg/kg	BLQ(0.01)	0.05 Max.	DARL/SOP/CHEM/INST/PEST/03
49	Buprofezin	mg/kg	BLQ(0.01)	0.01 Max.	DARL/SOP/CHEM/INST/PEST/03
50	Carbaryl	mg/kg	BLQ(0.01)	05 Max.	DARL/SOP/CHEM/INST/PEST/03
51	Carbendazim	mg/kg	BLQ(0.01)	0.1 Max.	DARL/SOP/CHEM/INST/PEST/03



Note: 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not be reproduced wholly or in part and cannot as an evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & URL, it implies that these products & tests are not covered under NABL accredited scope.



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-110095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

ULR No.: TC516326000013977F

Report Issue to:
Country Dairy
Tanakpur, Dist.-Champawat, Uttarakhand-262309. Uttarakhand

Report No.	820260824FP045
Sample Code	820260824FP045
Sample Receipt Date	24/08/2026
Test Started On	24/08/2026
Date of Completion	31/08/2026
Issue Date	31/08/2026

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Requirement as per FSSR-2011 (2.1.8)	Test Method
52	Dichlorvos	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03
53	Dinotefuran	mg/kg	BLQ(0.01)	0.1 Max	DARL/SOP/CHEM/INST/PEST/03
54	Edifenphos	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03
55	Enamectin	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03
56	Flubendiamide	mg/kg	BLQ(0.01)	0.1 Max	DARL/SOP/CHEM/INST/PEST/03
57	Imidacloprid	mg/kg	BLQ(0.01)	0.1 Max	DARL/SOP/CHEM/INST/PEST/03
58	Methomyl	mg/kg	BLQ(0.01)	0.02 Max	DARL/SOP/CHEM/INST/PEST/03
59	Methyl Chlorophenoxy acetic acid	mg/kg	BLQ(0.01)	0.04 Max	DARL/SOP/CHEM/INST/PEST/03
60	Metolachlor	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03
61	Monocrotophos	mg/kg	BLQ(0.01)	0.02 Max	DARL/SOP/CHEM/INST/PEST/03
62	Oxydemeton -methyl	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03
63	Penconazole	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03
64	Phenthoate	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03
65	Pirimiphos methyl	mg/kg	BLQ(0.01)	0.05 Max	DARL/SOP/CHEM/INST/PEST/03
66	Pyraclostrobin	mg/kg	BLQ(0.01)	0.03 Max	DARL/SOP/CHEM/INST/PEST/03
67	Thiacloprid	mg/kg	BLQ(0.01)	0.05 Max	DARL/SOP/CHEM/INST/PEST/03
68	Thiamethoxam	mg/kg	BLQ(0.01)	0.05 Max	DARL/SOP/CHEM/INST/PEST/03
69	Thiophanate methyl	mg/kg	BLQ(0.01)	0.05 Max	DARL/SOP/CHEM/INST/PEST/03
70	Trichlorfon	mg/kg	BLQ(0.01)	0.05 Max	DARL/SOP/CHEM/INST/PEST/03
71	Triadimefon	mg/kg	BLQ(0.01)	0.01 Max	DARL/SOP/CHEM/INST/PEST/03

1. BLQ Below Limit of Quantification. 2. Figure in bracket indicate limit of quantification



Note: 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not be reproduced wholly or in part and cannot as an evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & URL, it implies that these products & tests are not covered under NABL accredited scope.



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-110095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)



TEST REPORT

Format No. DARL/QF/50

Report Issue to: Country Dairy Tanakpur, Dist.-Champawat, Uttarakhand-262309. Uttarakhand	ULR No.:	TC516326000013977F
	Report No.	820260824FP045
	Sample Code	820260824FP045
	Sample Receipt Date	24/08/2026
	Test Started On	24/08/2026
	Date of Completion	31/08/2026
	Issue Date	31/08/2026

Remarks : The above tested sample Complies per FSSR 2011, With respect to above test only.

End of Report



Review by
leema

Authorised Signatory
Deependra Tiwari
Deependra Tiwari
Authorized Signatory (Chemical)
Mr. Deependra Tiwari

Page No. 6/6

Note: 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not be reproduced wholly or in part and cannot as an evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & URL, it implies that these products & tests are not covered under NABL accredited scope.



DELHI ANALYTICAL RESEARCH LABORATORY

Plot No. 2, (A-2) Timber Block, Jhilmil Industrial Area, Delhi-110095

E-mail : darltesting@gmail.com, www.darltesting.in

Ph.: 011-43545890, 09717324010, 9971520106, 8595224665.

(A GOVERNMENT APPROVED & ISO 9001 : 2015, ISO 45001:2018 Certified Testing Laboratory)

TEST REPORT

Format No. DARL/QF/50

Report Issue to: Country Dairy Tanakpur, Dist.-Champawat, Uttarakhand-262309. Uttarakhand		Report No.	820260824FP045/A
		Sample Code	820260824FP045
		Sample Receipt Date	24/08/2026
		Test Started On	24/08/2026
		Date of Completion	31/08/2026
		Issue Date	31/08/2026
Customer Provided Details			
Name of Sample	Desi Cow Ghee		
Brand Name	N.S.	Date of Sampling	N.S.
Sample Quantity	453g	Batch No.	N.S.
Sample Submitted by	By Party	Manufacturing Date	Not Specified
Sampling Method	N.S.	Expiry Date	Not Specified
Sample Description	Desi Cow Ghee		

TEST RESULTS

Group Name : Food and Agriculture

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Requirement as per FSSR-2011 (2.1.8)	Test Method
1	Butyro-refractometer (BR) reading	---	42.3	40-44	IS 548 (P-1)Sec-1 2021 (Clause 11.0)
2	FFA as Oleic acid	%	0.35	2.0 max	FSSAI Lab Manual Milk & Milk Product:2022 (Fssai Method No. 01.089:2022)
3	Added Flavour	---	Absent	Absent	Sensory Evaluation
4	Added Colour	---	Absent	Absent	FSSAI Lab Manual for food additives:2016
5	Methyl Mercury (Calculated as element)	mg/kg	BLQ(0.053)	0.25 Max	DARL/SOP/CHEM/INST/ /05

1. BLQ Below Limit of Quantification. 2. Figure in bracket indicate limit of quantification

Remarks : The above tested sample Complies per FSSR 2011, With respect to above test only.

End of Report



Review by
Neema

Authorized Signatory
Deependra Tiwari
Authorized Signatory (Chemical)
Mr. Deependra Tiwari

Page No. 1/1

Note: 1. The results are related to the test items only. 2. Sample will be destroyed after one month from the date of issue of test report. 3. This report is not be reproduced wholly or in part and cannot as an evidence in the court of law and should not be used in any advertisement media without written consent. 4. Laboratory is not responsible for customer provided details. 5. When report is without NABL Symbol & URL, it implies that these products & tests are not covered under NABL accredited scope.