



TEST REPORT

TC-5040

Report No. BVH2600041773

ULR No. TC504026000003930F

Report Issue Date: 06 Feb 2026

Report issued to	: KSHETRA VEDA PRIVATE LIMITED H.No- 13-130/5, Bhagyanagar Colony, Shadnagar, Rangareddy Dist, Shadnagar, - 509216 TELANGANA		
BV sample ID	: 00041773	Customer Reference**	: TRF
Group	: Food and Agricultural Products , Residues in Food Products	Condition on receipt	: Good
Sample name**	: A2 Desi Cow Bilona Ghee	Temperature on Receipt	: Ambient
Sample quantity	: 400 g	Date of Sample Receipt	: 03 Feb 2026
		Date of Registration	: 04 Feb 2026
		Start Date of Testing	: 04 Feb 2026
		Completion Date of Testing	: 06 Feb 2026
Sample information	: Sample Submitted By Customer		
Sample submitted date	: 03 Feb 2026		

Sr.No.	Test parameter	Unit	Test results	Test method	LOQ	Specifications as per FSSR 2011
Adulterants (Discipline : Chemical)						
1	Baudouin test	-	Negative	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.091 2022	-	Negative
Fatty Acid Profile (Discipline : Chemical)						
2	Butyric acid (C4:0)	%	3.70	AOAC 996.06 2023 22nd Edition	0.01	1 - 5
3	Capric acid (C10:0, Decanoic acid)	%	2.61	AOAC 996.06 2023 22nd Edition	0.01	0.8 - 5
4	Caproic acid (C6:0, Hexanoic acid)	%	2.06	AOAC 996.06 2023 22nd Edition	0.01	0.5 - 2.2
5	Caprylic acid (C8:0, Octanoic acid)	%	1.29	AOAC 996.06 2023 22nd Edition	0.01	0.4 - 1.5
6	Lauric acid (C12:0, Dodecanoic acid)	%	2.86	AOAC 996.06 2023 22nd Edition	0.01	1.5 - 4
7	Linoleic acid (C18:2 (cis 9,12), 9,12-Octadecadienoic acid)	%	1.40	AOAC 996.06 2023 22nd Edition	0.01	0.5 - 3.5
8	Monounsaturated fatty acids (MUFA)	%	24.25	AOAC 996.06 2023 22nd Edition	0.01	-
9	Myristic acid (C14:0, Tetradecanoic acid)	%	11.34	AOAC 996.06 2023 22nd Edition	0.01	6 - 13
10	Oleic acid (C18:1 (cis 9) 9-Octadecenoic acid)	%	21.73	AOAC 996.06 2023 22nd Edition	0.01	19 - 32
11	Palmitic acid (C16:0, Hexadecanoic acid)	%	34.86	AOAC 996.06 2023 22nd Edition	0.01	22 - 38
12	Palmitoleic acid (C16:1 (Cis 9), (Hexadecanoic acid))	%	1.33	AOAC 996.06 2023 22nd Edition	0.01	0.9 - 2.8
13	Poly unsaturated fatty acids (PUFA)	%	2.62	AOAC 996.06 2023 22nd Edition	0.01	-
14	Stearic acid (C18:0, Octadecanoic acid)	%	11.86	AOAC 996.06 2023 22nd Edition	0.01	8 - 19
Metal contaminants and Minerals (Discipline : Chemical)						
15	Arsenic	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-02 8	0.01	1.1 max
16	Cadmium	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-02 8	0.01	1.5 max



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Metal contaminants and Minerals (Discipline : Chemical)						
17	Copper	mg/kg	0.38	SOP No: BVTS/FOOD/INS/SOP-028	0.01	30 max
18	Lead	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-028	0.01	0.02 max
19	Mercury	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-028	0.01	1.0 max
20	Methyl mercury	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-055	0.01	0.25 max
21	Tin	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-028	0.01	250 max
Mycotoxins (Discipline : Chemical)						
22	Aflatoxin M1	µg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-041	0.5	Not Specified
Other Contaminants (Discipline : Chemical)						
23	Melamine	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-043	0.01	2,5 max
Proximate (Discipline : Chemical)						
24	Butyro-refractometer reading at 40 deg	-	42.5	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.088 2022	20	40.0 to 44.0
25	Free fatty acid as oleic acid	%	0.31	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.089 2022	0.1	2.0 max
26	Iodine Value	-	32.0	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.095 2022	10	25-38
27	Moisture	%	0.2	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.086 2022	0.1	0.5 max
28	Peroxide value	meq/O2/Kg	1.61	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.094 2022	0.1	Not Specified
29	Polenske value	-	1.09	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.090 2022	0.1	0.5 -2.0
30	Reichert Meissel value	-	26.81	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.090 2022	10	24.0 min

Bureau Veritas India Testing Services Pvt. Ltd.
7-2-C7 & 8/4 Sanathnagar Industrial
Estate, Sanathnagar, Hyderabad -
500018 TELANGANA
Tel: 9154809310/040 68144101



TC-5046



TEST REPORT

Report No. BVH2600041773

ULR No. TC50402600003930F

Report Issue Date: 06 Feb 2026

Sr.No.	Test parameter	Unit	Test results	Test method	LOQ	Specifications as per FSSR 2011
Proximate (Discipline : Chemical)						
31	Saponification Value	-	232	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.096 2022	10	205-235

Abbreviations: LOQ: Limit of Quantification, BLQ: Below limit of quantification, NMT - Not more than **Indicates information supplied by the customer for which the laboratory has no control.
Note: SAMPLE TESTED AS RECEIVED

Authorized Signatory

Mallikarjun ARELLI
Manager- Wet Chemistry

Authorized Signatory

Subha Bhaskar Reddy
Ankireddypalli
Manager- Instrumentation



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Sr.No.	Test parameter	Unit	Test results	Test method	LOQ	Specifications as per FSSR 2011
Fatty Acid Profile (Discipline : Chemical)						
1	Octadecatrienoic acid (C18:3, (Cis 9,12,25), 9,12,25)	%	0.87	AOAC 996.06 2023 22nd Edition	0.01	0.3-1.0
Nutritional Profile (Discipline : Chemical)						
2	Fat	g/100g	99.76	FSSAI Manual of Methods Dairy & Dairy Products Method No: FSSAI 01.087 2022	0.1	99.5 min
Other Contaminants (Discipline : Chemical)						
3	Presence of Beta Sitosterol	-	Absent	FSSAI Instruction Manual FSSAI 01.097 2022	Qualitative	Absent

Abbreviations: LOQ: Limit of Quantification, BLQ: Below limit of quantification, NMT - Not more than **Indicates information supplied by the customer for which the laboratory has no control
Note: SAMPLE TESTED AS RECEIVED

Remark : The above sample meets to FSSR 2011 Specifications with respective to the above tested parameters only, wherever applicable.

Authorized Signatory

Subha Bhaskar Reddy
Ankireddypalli
Manager- Instrumentation

Authorized Signatory

Mallikarjun ARELLI
Manager- Wet Chemistry

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	H.No- 13-130/5, Bhagyanagar Colony, Shadnagar, Rangareddy Dist, Shadnagar, - 509216 TELANGANA		
BV sample ID	: 00041772	Customer Reference**	: TRF
Group	: Residues in Food Products	Condition on receipt	: Good
Sample name**	: A2 Desi Cow Biona Ghee	Temperature on Receipt	: Ambient
Sample quantity	: 400 g	Date of Sample Receipt	: 03 Feb 2026
		Date of Registration	: 04 Feb 2026
		Start Date of Testing	: 04 Feb 2026
		Completion Date of Testing	: 06 Feb 2026
Sample information	: Sample Submitted By Customer		
Sample submitted date	: 03 Feb 2026		

Sr.No.	Test parameter	Unit	Test results	Test method	LOQ	Specifications as per FSSR 2011
Residues (Discipline : Chemical)						
1	2,4-D (Dichlorophenoxyacetic acid)	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
2	Acephate	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.02 max
3	Acetamiprid	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.02 max
4	Azoxystrobin	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
5	Bifenthrin	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.2 max
6	Bitertanol	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
7	Buprofezin	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
8	Carbaryl	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
9	Carbendazim	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.1 max
10	Carbendazim and benomyl (sum of benomyl and carbendazim expressed as Carbendazim)	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.1 max
11	Carbofuran	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
12	Chlorantraniliprole	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
13	Chlorothalonil	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.07 max



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Residues (Discipline : Chemical)						
14	Chlorpyrifos	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.02 max
15	Chlothianidin (Chlothianidin and its metabolites Thiazolymethylguanidine (TMG), Thiazolymethylurea (TZMU), Methylnitroguanidine (MNG) TMG)	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.02 max
16	Cypermethrin (including other mixtures of constituent isomers sum of isomers)	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.05 max
17	Deltamethrin (cis-deltamethrin)	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.05 max
18	Dichlorvos	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.01 max
19	Difenoconazole	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.02 max
20	Dimethoate	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.05 max
21	Dinotefuran	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.1 max
22	Edifenphos	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.01 max
23	Emamectin benzoate B1a, expressed as emamectin	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.01 max
24	Ethion	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.5 max
25	Ethofenprox (Etofenprox)	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.02 max
26	Fenpropathrin	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.1 max
27	Fenvalerate	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.01 max
28	Fipronil	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.02 max
29	Flubendiamide	mg/kg	BLQ	SOP No: BVTs/FOOD/INS/SOP-04 0	0.01	0.1 max



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Sr.No.	Test parameter	Unit	Test results	Test method	LOQ	Specifications as per FSSR 2011
Residues (Discipline : Chemical)						
30	Flusilazole	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
31	Glufosinate Ammonium	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.02 max
32	Imidacloprid	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.1 max
33	Indoxacarb (sum of indoxacarb and its R enantiomer)	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.1 max
34	Kresoxim Methyl	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
35	Mancozeb as CS2	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
36	Methomyl	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.02 max
37	Methyl Chlorophenoxy Acetic Acid (MCPA)	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.04 max
38	Metiram as CS2	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
39	Metolachlor	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
40	Monocrotophos	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.02 max
41	Oxydemeton methyl	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
42	Paraquat dichloride (Determined as Paraquat cations)	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
43	Penconazole	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
44	Phenthoate	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
45	Phorate	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
46	Pirimiphos methyl	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max



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Residues (Discipline : Chemical)						
47	Propiconazole (sum of isomers)	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
48	Pyraclostrobin	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.03 max
49	Tebuconazole	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
50	Thiacloprid	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
51	Thiamethoxam	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
52	Thiophanate methyl	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max
53	Triacontanol	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
54	Triadimefon	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.01 max
55	Trichlorfon	mg/kg	BLQ	SOP No: BVTS/FOOD/INS/SOP-04 0	0.01	0.05 max

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Remark : The above sample meets to FSSR 2011 Specifications with respective to the above tested parameters only, wherever applicable.

Authorized Signatory

Subha Bhaskar Reddy
Ankireddypalli
Manager- Instrumentation

— End of Report —

SI.No.:

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