



Batch code: EUINDE-00042691
Report code: AR-25-KV-027663-01



Report date: 03.09.2025

SUNSOIL PRIVATE LIMITED - Dera Bassi,
Pragati Industrial Park, Plot-14,
Gulabgarh Road,
140507 Dera Bassi,
Punjab, INDIA
Sahil Dhiman



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ANALYTICAL REPORT

Sample code:	260-2025-08001760	Report code:	AR-25-KV-027663-01-01
Sample name:	A2 Cow Ghee	ULR:	TC640025000023773F
		Received on:	26.08.2025
		Analysed between:	26.08.2025 - 03.09.2025
Sample reference	Customer Provide details:- Batch No:- SN-JHUFT675		
Quantity received:	250 g		
Condition on receipt:	Good	Sample packing:	Plastic Bottle
Sampling:	NOT SAMPLED BY EUROFINS	Discipline:	Chemical
Group:	Residues and Contaminants in Food & Agricultural Products		

CHEMICAL	Method	Result Unit	LOQ
KV430 KV Cholesterol	AOAC 994.10	271.4 mg/100 g	10

FATTY ACID PROFILE	Result Unit	LOQ
KV08X KV Fatty acid profile Method: AOAC 996.06		
C 10:0 (Capric acid)	1.8 g/100 g	0.1
C 12:0 (Lauric acid)	2.4 g/100 g	0.1
C 13:0 (Tridecanoic acid)	<0.1 g/100 g	0.1
C 14:0 (Myristic acid)	9.01 g/100 g	0.1
C 14:1 (Myristoleic acid)	1.61 g/100 g	0.1
C 16:0 (Palmitic acid)	29.03 g/100 g	0.1
C 16:1 (Palmitoleic acid)	1.95 g/100 g	0.1
C 18:0 (Stearic acid)	10.68 g/100 g	0.1
C 18:1 (Oleic acid)	31.64 g/100 g	0.1
C 18:1 n9 trans-Elaidin acid	<0.1 g/100 g	0.1
C 18:2 (Linoleic acid)	3.07 g/100 g	0.1
C 18:2t (Linolelaidic Acid)	<0.1 g/100 g	0.1
C 18:3 n3 (alpha-Linolenic acid)	0.44 g/100 g	0.1
C 20:0 (Arachidic acid)	0.41 g/100 g	0.1
C 20:3n3 (cis-11,14,17-Eicosatrienoic Acid)	0.34 g/100 g	0.1
C 21:0 (Heneicosanoic acid)	0.2 g/100 g	0.1
C 22:0 (Behenic acid)	<0.1 g/100 g	0.1

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FATTY ACID PROFILE
Result Unit
LOQ
KV08X KV Fatty acid profile Method: AOAC 996.06

C 23:0 (Tricosanoic acid)	0.58 g/100 g	0.1
C 24:0 (Lignoceric acid)	<0.1 g/100 g	0.1
C 24:1 (Nervonic acid)	<0.1 g/100 g	0.1
C 6:0 (Caproic acid)	0.63 g/100 g	0.1
C17:0 Heptadecanoic acid	0.68 g/100 g	0.1
C18:3n6 gamma-Linolenic acid	<0.1 g/100 g	0.1
C20:2 Cis-11,14-Eicosadienoic acid	0.19 g/100 g	0.1
C20:3n6 Cis-8,11,14-Eicosatrienoic acid	0.13 g/100 g	0.1
C20:5 cis-5, 8, 11, 14, 17-eicosapentaenoic acid	<0.1 g/100 g	0.1
C22:1 Erucic acid	0.27 g/100 g	0.1
C22:2 w6 (cis-13,16-Docoadienoic)	<0.1 g/100 g	0.1
C22:6 cis-4, 7, 10, 13, 16,19-docosahexaenoic acid	<0.1 g/100 g	0.1
C4:0 Butyric acid	1.02 g/100 g	0.1
C8:0 Caprylic acid	0.66 g/100 g	0.1
Eicosenoic Acid cis 11 (C20:1, CIS-11)	1.52 g/100 g	0.1
Heptadecanoic acid (C17:1, CIS-10)	0.48 g/100 g	0.1
Pentadecanoic Acid (C15:1, CIS-10)	1.17 g/100 g	0.1

FATTY ACID PROFILE
Method
Result Unit
LOQ

KV127 KV	Total trans-fatty acids (%total)	AOAC 996.06	<0.1 g/100 g	0.1
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Note: BLQ= Below Limit of Quantification.
LOQ= Limit of Quantification.

The tests identified by the two letters code IR are subcontracted to our Eurofins Group lab.
The tests identified by the two letters code KV are performed by Eurofins Analytical Services India (Gurugram), INDIA.



Mr Surjit Singh
Deputy Manager - Registration and Reporting

***** END OF REPORT *****

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Eurofins Analytical Services India Private Limited

Plot no. 157, Udyog Vihar, Phase 1, Gurugram - 122016, Haryana, India

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Batch code: EUINDE-00042691
Report code: AR-25-KV-027663-01
 Non - Accredited

Sample code:	260-2025-08001760	Report code:	AR-25-KV-027663-01-02
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		Received on:	26.08.2025
		Analysed between:	26.08.2025 - 03.09.2025
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Group:	Residues and Contaminants in Food & Agricultural Products		

CHEMICAL	Method	Result Unit	LOQ
KV002 KV Moisture	AOAC 926.12	0.09 g/100 g	0.01
KV399 KV Reichert-Meisl-Number	AOAC 925.41	29.66	1
KV12Z KV Polenske index	AOAC 925.41	1.64	0.5
IR0VF IR Butyro Refractometer reading at 40 °C	FSSAI 01.088:2022	43.00	

FATTY ACID PROFILE	Result Unit	LOQ
KV08X KV Fatty acid profile Method: AOAC 996.06		
C 11:0 (Undecanoic acid)	<0.1 g/100 g	0.1
C 20:3 (Eicosatrienoic acid)	<0.1 g/100 g	0.1
C15:0 Pentadecanoic acid	<0.1 g/100 g	0.1
Cis-5, 8,11,14-Eicosatetraenoic Acid(C20:4)	<0.1 g/100 g	0.1

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 The tests identified by the two letters code KV are performed by Eurofins Analytical Services India (Gurugram), INDIA.



Mr Surjit Singh
Deputy Manager - Registration and Reporting

Remark: Report code AR-25-KV-027663-01-02 having 2 pages is for non-accredited test parameters.

LOQ = Limit of Quantification

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