EUREKA

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TC-9653

Report code: TR-24-EKA1-092734-01
Report Date : 02/11/2024
ULR no.: TC965324000070760F

Positive Sum Tech Ventures (OPC) Pvt Ltd

[redacted]

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ANALYTICAL REPORT

Sample code: EKA1-24-10-07263
Sample Name: Ghee
Sample quantity: 50ml
Sample Appearance: Yellow Colour Ghee
Condition on receipt: Good
Sample packing: Tarson Tube
Environmental Condition: Not Applicable
Customer provided details: Batch No: UH2410-GHEE-GOWA | Purchase Order #: UHPO-EUREKA-20241029 | Purchase Order Date: 29 Oct 2024

Received On: 29/10/2024
Analysed between: 30/10/2024 to 01/11/2024
Sampling Details: Not Sampled By Eureka
Sampling Procedure: Not Applicable
Sampling date: Not Applicable
Sampling Location: Not Applicable
Job File Reference: Not Applicable
Seal No: Not Applicable

Test Results

Sr. No.	Test Parameter	Test Method	Result	Unit	LOQ
FATTY ACID PROFILE					
1	Butyric Acid	AOAC 21st edition 996.06	1.07	g/100g	0.1
2	Caproic Acid	AOAC 21st edition 996.06	0.95	g/100g	0.1
3	Caprylic Acid	AOAC 21st edition 996.06	0.72	g/100g	0.1
4	Capric Acid	AOAC 21st edition 996.06	1.82	g/100g	0.1
5	Undecanoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
6	Lauric Acid	AOAC 21st edition 996.06	2.54	g/100g	0.1
7	Tridecanoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
8	Myristic Acid	AOAC 21st edition 996.06	10.38	g/100g	0.1
9	Pentadecanoic Acid	AOAC 21st edition 996.06	1.17	g/100g	0.1
10	Palmitic Acid	AOAC 21st edition 996.06	34.69	g/100g	0.1
11	Heptadecanoic Acid	AOAC 21st edition 996.06	0.68	g/100g	0.1
12	Stearic Acid	AOAC 21st edition 996.06	11.28	g/100g	0.1
13	Arachidic Acid	AOAC 21st edition 996.06	0.13	g/100g	0.1
14	Heneicosanoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
15	Behenic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
16	Tricosanoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
17	Lignoceric Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
18	Total Saturated Fat	AOAC 21st edition 996.06	65.53	g/100g	0.1
20	Myristoleic Acid	AOAC 21st edition 996.06	1.13	g/100g	0.1
21	Cis-10 Pentadecenoic acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
22	Palmitoleic Acid	AOAC 21st edition 996.06	1.96	g/100g	0.1
23	Cis-10 Heptadecanoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
24	Oleic Acid	AOAC 21st edition 996.06	28.42	g/100g	0.1
25	Cis-11 Eicosenoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
26	Erucic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
27	Nervonic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1

28	Total Monounsaturated Fat	AOAC 21st edition 996.06	31.51	g/100g	0.1
29	Linoleic Acid	AOAC 21st edition 996.06	2.23	g/100g	0.1
30	Linolenic Acid	AOAC 21st edition 996.06	0.32	g/100g	0.1
31	Gamma- Linolenic Acid	AOAC 21st edition 996.06	0.32	g/100g	0.1
32	Cis-11,14-Eicosadienoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
33	Cis- 11,14,17-Eicosatrienoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
34	Cis-8, 11,14-Eicosatrienoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
35	Arachidonic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
36	cis 5,8,11,14,17, Eicosapentaenoic acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
37	Cis-13,16 Docosadienoic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
38	Cis-4,7,10,13,16,19 Docosahexaenoic acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
39	Total Polyunsaturated Fat	AOAC 21st edition 996.06	2.86	g/100g	0.1
40	Elaidic acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
41	Linolelaidic Acid	AOAC 21st edition 996.06	<0.1	g/100g	0.1
42	Total Trans Fat	AOAC 21st edition 996.06	<0.1	g/100g	0.1
MYCOTOXIN					
43	Aflatoxin M1	EKA-CHE-SOP-49	BLQ	µg/kg	0.5
INORGANIC					
44	Methyl mercury	EKA-CHE-SOP-102	BLQ	mg/kg	0.05
45	Lead as Pb	EKA-CHE-SOP-47	BLQ	mg/kg	0.05

LOQ: Limit of Quantification, BLQ: Below Limit of Quantification.

Mr Sudhakar Reddy M
Authorised Signatory
Chemical

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

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Batch code: EUINBA-00202894

Report code: AR-24-IR-114789-01

Report date: 06.11.2024

TL-1097

UNBOX HEALTH-Positive Sum Tech Ventures (OPC) Pvt Ltd - Bengaluru

[redacted]

Scan to authenticate this report

Arjun Anjaria

ANALYTICAL REPORT

Sample code:	258-2024-10013046	**Report code:**	AR-24-IR-114789-01-02
Sample name:	Ghee		
		Received on:	29.10.2024
		Analysed between:	29.10.2024 - 05.11.2024
Sample reference	Customer Provided Details Batch No:UH2410-GHEE-GOWA		
Quantity received:	50g		
Sample packing:	Sealed Plastic Vial	**Condition on receipt:**	Good
Sampling:	NOT SAMPLED BY EUROFINS		

METAL CONTAMINANTS			*Method*	*Result*	*LOQ*	*Unit*
IR38H	IR	Lead (Pb)	EASI-CHE-SOP-44	<0.02	0.05	mg/kg
IRP1H	IR	*Methyl Mercury as Hg	EASI-CHE-SOP-44	<0.01	0.01	mg/kg

MYCOTOXINS			*Method*	*Result*	*LOQ*	*Unit*
IR188	IR	Aflatoxin M1	EASI-CHE-SOP-35	<0.5	0.5	µg/kg

MINERALS			*Method*	*Result*	*LOQ*	*Unit*
IR1ZY	IR	Sodium (Na)	EASI-CHE-SOP-44	<1.0	1	mg/100 g

FATTY ACIDS PROFILE			*Result*	*LOQ*	*Unit*
IRBC2	**IR**	**Saturated Fatty Acids**	**Method: EASI-CHE-SOP-166**		
Saturated fatty acids (%total)			66.22	0.1	g/100 g
IRBF2	**IR**	**Trans Fatty Acids**	**Method: EASI-CHE-SOP-166**		
Total trans-fatty acids (%total)			<0.10	0.1	g/100 g
IRRCJ	**IR**	**Fatty Acid Profile**	**Method: EASI-CHE-SOP-166**		
17:1 Margaroleic			<0.10	0.1	g/100 g
20:3n6 homo-gamma-Linolenic			<0.10	0.1	g/100 g
C 10:0 (Capric acid)			1.97	0.1	g/100 g
C 11:0 (Undecanoic acid)			<0.10	0.1	g/100 g
C 12:0 (Lauric acid)			2.52	0.1	g/100 g
C 13:0 (Tridecanoic acid)			<0.10	0.1	g/100 g
C 14:0 (Myristic acid)			10.17	0.1	g/100 g
C 14:1 (Myristoleic acid)			<0.10	0.1	g/100 g

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FATTY ACIDS PROFILE

	Result	LOQ	Unit
IRRCJ IR Fatty Acid Profile Method: EASI-CHE-SOP-166			
C 15:1 (Pentadecenoic acid) + Isomers	<0.10	0.1	g/100 g
C 16:0 (Palmitic acid)	33.39	0.1	g/100 g
C 16:1 (Palmitoleic acid)	1.79	0.1	g/100 g
C 17:0 (Margaric acid)	0.70	0.1	g/100 g
C 18:0 (Stearic acid)	10.68	0.1	g/100 g
C 18:1 (Oleic acid)	29.68	0.1	g/100 g
C 18:2 (Linoleic acid)	1.86	0.1	g/100 g
C 18:2t (Linolelaidic Acid)	<0.10	0.1	g/100 g
C 18:3 n3 (alpha-Linolenic acid)	0.36	0.1	g/100 g
C 20:0 (Arachidic acid)	0.99	0.1	g/100 g
C 20:1 (Eicosenoic acid)	<0.10	0.1	g/100 g
C 20:2 (Eicosadienoic acid)	<0.10	0.1	g/100 g
C 20:3 (Eicosatrienoic acid)	<0.10	0.1	g/100 g
C 20:4n6 (Aracidonic Acid)	<0.10	0.1	g/100 g
C 20:5 (Eicosapentaenic acid)	<0.10	0.1	g/100 g
C 21:0 (Heneicosanoic acid)	<0.10	0.1	g/100 g
C 22:0 (Behenic acid)	<0.10	0.1	g/100 g
C 22:2 (Docosadienoic acid)	<0.10	0.1	g/100 g
C 22:6 (Docosahexaenic acid)	<0.10	0.1	g/100 g
C 23:0 (Tricosanoic acid)	<0.10	0.1	g/100 g
C 24:0 (Lignoceric acid)	<0.10	0.1	g/100 g
C 24:1 (Nervonic acid)	<0.10	0.1	g/100 g
C 6:0 (Caproic acid)	1.61	0.1	g/100 g
C15:0 Pentadecanic acid	0.96	0.1	g/100 g
C18:1n9t Elaidic acid	<0.10	0.1	g/100 g
C18:3n6 gamma-Linolenic acid	<0.10	0.1	g/100 g
C22:1 Erucic acid	<0.10	0.1	g/100 g
C4:0 Butyric acid	2.38	0.1	g/100 g
C8:0 Caprylic acid	0.86	0.1	g/100 g

			Method	Result	LOQ	Unit
IRBD2	**IR**	Monounsaturated fatty acids (%total)	EASI-CHE-SOP-166	31.47	0.1	g/100 g
IRBE2	**IR**	Polyunsaturated fatty acids (%total)	EASI-CHE-SOP-166	2.21	0.1	g/100 g

Note: * marked parameters are not covered by our current IAS accreditation.

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

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Batch code: EUINBA-00202894

Report code: AR-24-IR-114789-01

TL-1097

Dr Shalini Sharma

Sr. Manager - General Chemistry

LOQ = Limit of Quantification

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

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