


Batch code: EUINBA-00212738

Report code: AR-25-IR-020678-01

Report date: 07.02.2025

TL-1097

EVEXIA VENTURES PRIVATE LIMITED - Mumbai
PLOT NO.93, NAMO INDUSTRIES, STATION ROAD,
AHMEDNAGAR
414001Mumbai.
Maharashtra, INDIA


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this report

Pranali Londhe

ANALYTICAL REPORT

Sample code:	258-2025-01016040	Report code:	AR-25-IR-020678-01
Sample name:	Chocolate Hazelnut plant protein	Received on:	31.01.2025
		Analysed between:	31.01.2025 - 07.02.2025
Sample reference	Customer Provided Details		
	Batch No:NHPR25037		
	DOM:JAN-2025		
	DOE:JUN-2026		
Quantity received:	1KG		
Sample packing:	Trade Pack	Condition on receipt:	Good
Discipline:	Chemical	Group:	Food and Agricultural Products
Sampling:	NOT SAMPLED BY EUROFINs		

CHEMICAL	Method	Result	LOQ	Unit
IR051 IR Moisture	IS 16072	4.62	0.1	g/100 g
IR064 IR Total Ash	IS 14433	4.11	0.1	g/100 g
IR242 IR Added Sugar	AOAC 945.66	<0.5	0.5	g/100 g
IR215 IR Energy	EASI-CHE-SOP-123	392.83	30	kcal/100 g
IR062 IR Total carbohydrates	AOAC 986.25	11.30	0.5	g/100 g
IR117 IR Cholesterol	AOAC 994.10	7.53	1	mg/100 g
IR076 IR Total Fat	AOAC 922.06	5.55	0.1	g/100 g
IR087 IR Nitrogen to Protein Conversion Factor	IS 7219	6.25		
IR087 IR Protein	IS 7219	74.42	0.1	g/100 g
IR1IT IR Total Sugar	AOAC 982.14	5.55	0.5	g/100 g

METAL CONTAMINANTS	Method	Result	LOQ	Unit
IR1WS IR Chromium (Cr)	EASI-CHE-SOP-44	0.90	0.1	mg/kg
IR1WL IR Tin (Sn)	EASI-CHE-SOP-44	<0.1	0.1	mg/kg
IR1WT IR Nickel (Ni)	EASI-CHE-SOP-44	2.17	0.1	mg/kg
IR38G IR Arsenic (As)	EASI-CHE-SOP-44	<0.05	0.05	mg/kg
IR38K IR Mercury (Hg)	EASI-CHE-SOP-44	<0.01	0.01	mg/kg
IR38H IR Lead (Pb)	EASI-CHE-SOP-44	<0.05	0.05	mg/kg
IR38J IR Cadmium (Cd)	EASI-CHE-SOP-44	0.08	0.02	mg/kg
IR1ZZ IR Copper (Cu)	EASI-CHE-SOP-44	11.49	1	mg/kg

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METAL CONTAMINANTS		Method	Result	LOQ	Unit
IRP1H	IR	Methyl Mercury	EASI-CHE-SOP-249	<0.01 0.01	mg/kg

MYCOTOXINS		Method	Result	LOQ	Unit
IR101	IR	Aflatoxin B1, B2, G1, G2 (HPLC-FLD)	Method: EASI-CHE-SOP-19		
		Aflatoxin B1		<0.5 0.5	µg/kg
		Aflatoxin B2		<0.5 0.5	µg/kg
		Aflatoxin G1		<0.5 0.5	µg/kg
		Aflatoxin G2		<0.5 0.5	µg/kg
		Sum of all positive Aflatoxins		<0.5	µg/kg

MINERALS		Method	Result	LOQ	Unit
IR1ZY	IR	Sodium (Na)	EASI-CHE-SOP-44	865.51 1	mg/100 g

AMINO-ACIDS PROFILE		Method	Result	LOQ	Unit
IR130	IR	Amino Acids	Method: EASI-CHE-SOP-25		
		Aspartic Acid		5.50 0.01	g/100 g
		Serine		2.79 0.01	g/100 g
		Glutamic acid		8.96 0.01	g/100 g
		Glycine		10.6 0.01	g/100 g
		Histidine		1.29 0.01	g/100 g
		Arginine		5.18 0.01	g/100 g
		Threonine		2.81 0.01	g/100 g
		Alanine		2.07 0.01	g/100 g
		Proline		2.38 0.01	g/100 g
		Cysteine +Cystine		0.67 0.01	g/100 g
		Tyrosine		1.95 0.01	g/100 g
		Valine		1.95 0.01	g/100 g
		Methionine		0.55 0.01	g/100 g
		Lysine		3.32 0.01	g/100 g
		Isoleucine		1.81 0.01	g/100 g
		Leucine		3.81 0.01	g/100 g
		Phenylalanine		17.1 0.01	g/100 g
IR200	IR	Tryptophan	Method: AOAC 988.15		
		Tryptophan		0.76 0.01	g/100 g

FATTY ACIDS PROFILE		Method	Result	LOQ	Unit
IR116	IR	Total trans-fatty acids (%total)	EASI-CHE-SOP-166	<0.10 0.1	g/100 g
IR113	IR	Saturated fatty acids (%total)	EASI-CHE-SOP-166	1.13 0.1	g/100 g

FATTY ACID COMPOSITION		Method	Result	LOQ	Unit
IR128	IR	Fatty acid profile	Method: EASI-CHE-SOP-166		
		C 22:1 (Erucic acid)		<0.10 0.1	g/100 g

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FATTY ACID COMPOSITION**Result LOQ****Unit****IR128 IR Fatty acid profile Method: EASI-CHE-SOP-166**

C 4:0 (Butyric acid)	<0.10	0.1	g/100 g
C 6:0 (Caproic acid)	<0.10	0.1	g/100 g
C 8:0 (Caprylic acid)	<0.10	0.1	g/100 g
C 10:0 (Capric acid)	<0.10	0.1	g/100 g
C 11:0 (Undecanoic acid)	<0.10	0.1	g/100 g
C 12:0 (Lauric acid)	<0.10	0.1	g/100 g
C 13:0 (Tridecanoic acid)	<0.10	0.1	g/100 g
C 14:0 (Myristic acid)	<0.10	0.1	g/100 g
C 14:1 (Myristoleic acid)	<0.10	0.1	g/100 g
C 15:0 (Pentadecanoic acid)	<0.10	0.1	g/100 g
C 15:1 (Pentadecenoic acid) + Isomers	<0.10	0.1	g/100 g
C 16:0 (Palmitic acid)	1.13	0.1	g/100 g
C 16:1 (Palmitoleic acid)	<0.10	0.1	g/100 g
C 17:0 (Margaric acid)	<0.10	0.1	g/100 g
C 17:1 (Margaroleic)	<0.10	0.1	g/100 g
C 18:0 (Stearic acid)	<0.10	0.1	g/100 g
C 18:1 (Oleic acid)	2.27	0.1	g/100 g
C 18:1n9t Elaidic acid	<0.10	0.1	g/100 g
C 18:2 (Linoleic acid)	1.88	0.1	g/100 g
C 18:2t (Linolelaidic Acid)	<0.10	0.1	g/100 g
C 18:3 n3 (alpha-Linolenic acid)	0.28	0.1	g/100 g
C 18:3n6 gamma-Linolenic acid	<0.10	0.1	g/100 g
C 20:0 (Arachidic acid)	<0.10	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 20:3n6 homo-gamma-Linolenic	<0.10	0.1	g/100 g
C 20:4n6 (Arachidonic Acid)	<0.10	0.1	g/100 g
C 20:5 (Eicosapentaenoic 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 (Docosahexaenoic 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

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

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Dr Shalini Sharma

Sr. Manager - General Chemistry

LOQ = Limit of Quantification

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

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