eurofins

Batch code: EUINBA-00212207
Report code: AR-25-IR-018526-01
Report date: 03.02.2025

ilac-MRA IAS ACCREDITED Testing Laboratory TL-1097

EVEXIA VENTURES PRIVATE LIMITED - Mumbai
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Maharashtra, INDIA

Pranali Londhe

Scan to authenticate this report

ANALYTICAL REPORT

Sample code:	258-2025-01012868	**Report code:**	AR-25-IR-018526-01
Sample name:	AEVO Organic Avocado Cooking Oil		
Client Details	1	**Received on:**	27.01.2025
		Analysed between:	27.01.2025 - 31.01.2025
Sample reference	Customer Provided Details Batch No:240626 DOM:06 JUNE 2024 DOE:05 JUNE 2026		
Quantity received:	500ml		
Sample packing:	Sealed Glass Container	**Condition on receipt:**	Good
Sampling:	NOT SAMPLED BY EUROFINS		

CHEMICAL			*Method*	*Result*	*LOQ*	*FSSAI limit*	*Unit*
IR2AX	**IR**	Added Sugar	AOAC 980.13	<0.5	0.5	-	g/100 g
IR064	**IR**	Total Ash	AOAC 941.12	<0.1	0.1	-	g/100 g
IR117	**IR**	Cholesterol	AOAC 994.10	<1	1	-	mg/100 g
IR215	**IR**	Energy	EASI-CHE-SOP-123	899.50	30		kcal/100 g
IR051	**IR**	Moisture	AOAC 935.29	<0.1	0.1	-	g/100 g
IR087	**IR**	Nitrogen to Protein Conversion Factor	IS 7219	6.25		-	
IR087	**IR**	Protein	IS 7219	<0.1	0.1	-	g/100 g
IR062	**IR**	Total carbohydrates	AOAC 986.25	<0.5	0.5	-	g/100 g
IR076	**IR**	Total Fat	AOAC 920.39	99.90	0.1	-	g/100 g
IR1IT	**IR**	Total Sugar	AOAC 982.14	<0.5	0.5	-	g/100 g

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

FATTY ACID COMPOSITION			*Result*	*LOQ*	*FSSAI limit*	*Unit*
IR128	**IR**	**Fatty acid profile**	**Method: EASI-CHE-SOP-166**			
C 10:0 (Capric acid)			<0.10	0.1	ND	g/100 g
C 11:0 (Undecanoic acid)			<0.10	0.1	-	g/100 g
C 12:0 (Lauric acid)			<0.10	0.1	ND	g/100 g
C 13:0 (Tridecanoic acid)			<0.10	0.1	-	g/100 g
C 14:0 (Myristic acid)			<0.10	0.1	Max.0.3	g/100 g

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FATTY ACID COMPOSITION

	Result	LOQ	FSSAI limit	Unit
IR128 IR Fatty acid profile Method: EASI-CHE-SOP-166				
C 14:1 (Myristoleic acid)	<0.10	0.1	-	g/100 g
C 15:0 (Pentadecanic 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)	19.55	0.1	7.0-35.0	g/100 g
C 16:1 (Palmitoleic acid)	7.69	0.1	2.0-16.8	g/100 g
C 17:0 (Margaric acid)	<0.10	0.1	Max.0.3	g/100 g
C 17:1 (Margaroleic)	<0.10	0.1	Max.0.3	g/100 g
C 18:0 (Stearic acid)	0.59	0.1	Max.1.5	g/100 g
C 18:1 (Oleic acid)	59.82	0.1	36.0-80.0	g/100 g
C 18:1n9t Elaidic acid	<0.10	0.1	-	g/100 g
C 18:2 (Linoleic acid)	11.07	0.1	6.0-21.2	g/100 g
C 18:2t (Linolelaidic Acid)	<0.10	0.1	-	g/100 g
C 18:3 n3 (alpha-Linolenic acid)	0.92	0.1	Max.3.0	g/100 g
C 18:3n6 gamma-Linolenic acid	<0.10	0.1	-	g/100 g
C 20:0 (Arachidic acid)	0.11	0.1	Max.0.5	g/100 g
C 20:1 (Eicosenoic acid)	0.15	0.1	Max.0.2	g/100 g
C 20:2 (Eicosadienoic acid)	<0.10	0.1	ND	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	ND	g/100 g
C 22:1 (Erucic acid)	<0.10	0.1	ND	g/100 g
C 22:2 (Docosadienoic acid)	<0.10	0.1	ND	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	Max.0.1	g/100 g
C 24:1 (Nervonic acid)	<0.10	0.1	ND	g/100 g
C 4:0 (Butyric acid)	<0.10	0.1	-	g/100 g
C 6:0 (Caproic acid)	<0.10	0.1	ND	g/100 g
C 8:0 (Caprylic acid)	<0.10	0.1	ND	g/100 g

FATTY ACIDS PROFILE

			Method	Result	LOQ	FSSAI limit	Unit
IR113	**IR**	Saturated fatty acids (%total)	EASI-CHE-SOP-166	20.26	0.1	-	g/100 g
IR116	**IR**	Total trans-fatty acids (%total)	EASI-CHE-SOP-166	<0.10	0.1	-	g/100 g

DITHIOCARBAMATES as CS2

Result	LOQ	Unit

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DITHIOCARBAMATES as CS2

			Result	LOQ		Unit
IR682	**IR**	**Dithiocarbamates as CS2**	**Method: EASI-CHE-SOP-62**			
Mancozeb			<0.01	0.01		mg/kg
Maneb			<0.01	0.01		mg/kg
Metiram			<0.01	0.01		mg/kg
Propineb			<0.01	0.01		mg/kg
Thiram			<0.01	0.01		mg/kg
Zineb			<0.01	0.01		mg/kg
Ziram			<0.01	0.01		mg/kg

PESTICIDES

			Method	Result	LOQ	FSSAI limit	Unit
IR122	**IR**	Glufosinate-ammonium	EASI-CHE-SOP-61	<0.01	0.01		mg/kg
IR0ZH	**IR**	Glyphosate	EASI-CHE-SOP-61	<0.01	0.01		mg/kg
IR31K	**IR**	Cartap	EASI-CHE-SOP-21	<0.01	0.01		mg/kg
IR2AJ	**IR**	Fluchloralin	EASI-CHE-SOP-21	<0.01	0.01		mg/kg
IR34L	**IR**	Hydrogen cyanamide	EASI-CHE-SOP-66	<1.0	1		mg/kg
IR2H0	**IR**	Triacontanol	EASI-CHE-SOP-21	<0.01	0.01		mg/kg
IR0Z9	**IR**	Copper Hydroxide (as Cu)	EASI-CHE-SOP-44	<0.1	0.1	Max.30	mg/kg
IR0QZ	**IR**	Copper Oxide (as Cu)	EASI-CHE-SOP-44	<0.1	0.1	Max.30	mg/kg
IR257	**IR**	Copper oxychloride (as Cu)	EASI-CHE-SOP-44	<0.1	0.1	Max.30	mg/kg
IR0R0	**IR**	Copper Sulphate (as Cu)	EASI-CHE-SOP-44	<0.1	0.1	Max.30	mg/kg
IR22A	**IR**	Screened pesticides	EASI-CHE-SOP-21	Not Detected			
IR22B	**IR**	Screened pesticides	EASI-CHE-SOP-21	Not Detected			

Sample Conclusion:

The results of the above mentioned analyses are in accordance with the requirements of FSSAI (Food Safety and Standards Authority of India) Regulation.

Note:
Max. = Maximum
'-' = MRL's not specified

List of screened molecules and not detected

IR22A IR Pesticides GC-MS/MS (FSSAI) (LOQ mg/kg)

1,2,3,6-Tetrahydrophthalimide (0.01)	Aldrin/ Dieldrin (Sum) (0.01)	Bifenthrin (0.01)	Captafol (0.01)	Captan (0.01)
Captan (sum of captan/THPI, expressed as captan) (0.01)	Chlordane (total) (0.01)	Chlordane, cis- (0.01)	Chlordane, trans- (0.01)	Chlorfenapyr (0.01)
Chlorothalonil (0.01)	Chlorpropham (0.01)	Chlorpyrifos (-ethyl) (0.01)	Cyfluthrin (0.01)	Cyhalofop-butyl (0.01)
Cyhalothrin lambda- (0.01)	Cypermethrin (sum of isomers) (0.01)	DDD-p,p' (0.01)	DDT (0.01)	DDT (sum of p,p-DDT, o,p-DDT, p,p-DDE, p,p-TDE) (0.01)
DDT, o,p'- (0.01)	Deltamethrin (0.01)	Dichlorobenzophenone, p,p- (0.01)	Dichlorvos (0.01)	Diclofop (0.01)

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IR22A IR Pesticides GC-MS/MS (FSSAI) (LOQ mg/kg)

Diclofop-methyl (0.01)	Diclofop-p-ethyl (0.01)	Dicofol (sum) (0.01)	Dicofol, o,p'- (0.01)	Dicofol, p,p'- (0.01)
Endosulfan (alpha+beta+sulfate) (0.01)	Endosulfan sulphate (0.01)	Endosulfan, alpha- (0.01)	Endosulfan, beta- (0.01)	Etofenprox (0.01)
Fenitrothion (0.01)	Fenpropathrin (0.01)	Fenvalerate (all isomers including Esfenvalerate) (0.01)	Fipronil-sulfone (0.005)	Fluvalinate (sum of isomers) (0.01)
Formothion (0.01)	HCH, alpha- (0.01)	HCH, alpha- (0.01)	HCH, beta- (0.01)	HCH, delta- (0.01)
HCH-gamma (lindane) (0.01)	HCH-gamma (lindane) (0.01)	Heptachlor (0.01)	Heptachlor (sum) (0.01)	Heptachlor epoxide, cis- (0.01)
Heptachlor epoxide, trans- (0.01)	Iprodione (0.01)	Mefenoxam (Metalaxyl-M) (0.01)	o,p'-DDE (0.01)	Oxyfluorfen (0.01)
P,p'-DDT (0.01)	Paclobutrazol (0.01)	Parathion (0.01)	Parathion-ethyl (0.01)	Parathion-methyl (0.01)
Parathion-methyl/Paraoxon-methyl (sum) (0.01)	Permethrin (sum of isomers) (0.01)	Propaquizafop (0.01)	Pyrethrins (0.01)	Quizalofop (Sum) (0.01)
Quizalofop ethyl (0.01)	Quizalofop-P-tefuryl (0.01)	Spiromesifen (0.01)	Sum of diclofop-methyl, diclofop acid and its salt (0.01)	Tetraconazole (0.01)
Triacontanol (0.01)	Trifluralin (0.01)			

IR22B IR Pesticides LC-MS/MS (FSSAI) (LOQ mg/kg)

1-Naphthylacetic acid (0.01)	2,4-D (0.01)	3-Hydroxycarbofuran (0.01)	Abamectin (Sum) (0.01)	Acephate (0.01)
Acetamiprid (0.01)	Alachlor (0.01)	Aldicarb (0.01)	Aldicarb (sum of aldicarb and its oxygen analogues (0.01)	Aldicarb sulfone (0.01)
Aldicarb-sulfoxide (0.01)	Ametoctradin (0.01)	Ametryn (0.01)	Anilofos (0.01)	Atrazine (0.01)
Azimsulfuron (0.01)	Azoxystrobin (0.01)	Benfuracarb (0.01)	Benomyl (0.01)	Bensulfuron methyl (0.01)
Bentazone (0.01)	Bentazone (Sum of bentazone, its salts, 6-hydroxy (0.01)	Bentazone-6-hydroxy (0.01)	Bentazone-8-hydroxy (0.01)	Bispyribac Sodium (0.01)
Bitertanol (0.01)	Boscalid (0.01)	Buprofezin (0.01)	Butachlor (0.01)	Carbaryl (0.01)
Carbendazim (0.01)	Carbendazim/Benomyl (sum) (0.01)	Carbofuran (0.01)	Carbofuran (carbofuran (all carbofurans produced (0.01)	Carbosulfan (0.01)
Carfentrazone-ethyl (0.01)	Carpropamid (0.01)	Cartap (0.01)	Chlorantraniliprole (0.01)	Chlorfluazuron (0.01)
Chlorimuron-Ethyl (0.01)	Chlormequat (0.01)	Chromafenozide (0.01)	CINMETHYLIN (0.01)	Clodinafop-propargyl (0.01)
Clomazone (0.01)	Clothianidin (0.01)	Cyantraniliprole (0.01)	Cyazofamid (0.01)	Cyflumetofen (0.01)
Cymoxanil (0.01)	Demeton-S-methyl-sulfone (0.01)	Diafenthiuron (0.01)	Diazinon (0.01)	DICLOSULAM (0.01)
Difenoconazole (0.01)	Diflubenzuron (0.01)	Dimethoate (0.01)	Dimethomorph (sum of isomers) (0.01)	Dinocap (sum of dinocap isomers and their correspo (0.01)
Dinotefuran (0.01)	Dithianon (0.01)	Diuron (0.01)	Dodine (0.01)	Edifenphos (0.01)
Emamectin, benzoate- (0.01)	Ethephon (0.01)	Ethion (0.01)	Ethoxysulfuron (0.01)	Etofenprox (0.01)
Etoxazole (0.01)	Famoxadone (0.01)	Fenamidone (0.01)	Fenarimol (0.01)	Fenazaquin (0.01)
Fenobucarb (0.01)	Fenoxaprop-p-ethyl (0.01)	Fenpyroximate (0.01)	Fenthion (0.01)	Fenthion (sum) (0.01)
Fenthion-oxon (0.01)	Fenthion-oxon-sulfone (0.01)	Fenthion-oxon-sulfoxide (0.01)	Fenthion-sulfone (0.01)	Fenthion-sulfoxide (0.01)
Fipronil (0.005)	Fipronil (sum) (0.005)	Fipronil-sulfone (0.005)	Flonicamid (0.01)	Flonicamid (sum of flonicamid, TFNA and TFNG expre (0.01)
Fluazifop-P-butyl (0.01)	Flubendiamide (0.01)	Flucetosulfuron (0.01)	Flufenacet (0.01)	Fluopicolide (0.01)
Fluopyram (0.01)	Flupyradifurone (0.01)	Flusilazole (0.01)	Fluxapyroxad (0.01)	Fomesafen (0.01)
Forchlorfenuron (0.01)	Fosetyl aluminium - Suspensibility (*) (0.01)	Fosetyl-Al (sum of fosetyl, phosphonic acid and th (0.01)	Furathiocarb (0.01)	Halosulfuron-methyl (0.01)
Haloxyfop (0.01)	Hexaconazole (0.01)	Hexazinone (0.01)	Hexythiazox (any ratio of constituent isomers) (0.01)	Imazamox (0.01)
Imazethapyr (0.01)	Imidacloprid (0.01)	Indoxacarb (sum, R+S isomers) (0.01)	Iodosulfuron methyl (0.01)	Iodosulfuron methyl (0.01)
Iprobenfos (0.01)	Isoprothiolane (0.01)	Isoproturon (0.01)	Kasugamycin (0.01)	Kresoxim-methyl (0.01)
Linuron (0.01)	Lufenuron (0.01)	Malaoxon (0.01)	Malathion (0.01)	Mandipropamid (any ratio of constituent isomers) (0.01)
MCPA (0.01)	MCPA ethyl ester (0.01)	MCPA/MCPB (sum) (0.01)	Mepiquat (0.01)	Mesosulfuron-methyl (0.01)
Metaflumizone (sum of E- and Z- isomers) (0.01)	Metalaxyl and metalaxyl-M (metalaxyl including oth (0.01)	Methabenzthiazuron (0.01)	Methomyl (0.01)	Metolachlor and S-metolachlor (0.01)
Metrafenone (0.01)	Metribuzin (0.01)	Metsulfuron-methyl (0.01)	Milbemectin (sum) (0.01)	Milbemectin A3 (0.01)
Milbemectin A4 (0.01)	Monocrotophos (0.01)	Myclobutanil (sum of constituent isomers) (0.01)	Novaluron (0.01)	Orthosulfamuron (0.01)
Oxadiargyl (0.01)	Oxadiazon (0.01)	Oxydemeton-methyl (Demeton S methyl sulfoxide) (0.01)	Paraquat Dichloride (0.01)	Penconazole (sum of constituent isomers) (0.01)
Pencycuron (0.01)	Pendimethalin (0.01)	Penoxsulam (0.01)	Phenthoate (0.01)	Phorate (0.01)

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IR22B IR Pesticides LC-MS/MS (FSSAI) (LOQ mg/kg)

Phorate (sum of phorate and its oxygen analogues ((0.01)	Phorate (sum) (0.01)	Phorate-sulfoxide (0.01)	Phosalone (0.01)	Phosphamidon (0.01)
Phosphonic acid (0.01)	Picoxystrobin (0.01)	Pinoxaden (0.01)	Pirimiphos-methyl (0.01)	Pretilachlor (0.01)
Profenofos (0.01)	Prohexadione Calcium (0.01)	Propanil (0.01)	Propaquizafop (0.01)	Propargite (0.01)
Propiconazole (0.01)	Pymetrozine (0.01)	Pyraclostrobin (0.01)	PYRAZOSULFURON-ETHYL (0.01)	Pyridalyl (0.01)
Pyriproxyfen (0.01)	Pyrithiobac-sodium (0.01)	Quinalphos (0.01)	Quizalofop (Sum) (0.01)	Quizalofop ethyl (0.01)
Quizalofop-P-tefuryl (0.01)	Simazine (0.01)	Sodium nitrophenolate (0.01)	Spinetoram (sum) (0.01)	Spinetoram J (0.01)
Spinetoram L (0.01)	Spinosad (sum) (0.01)	Spinosyn A (0.01)	Spinosyn D (0.01)	Spirotetramat (0.01)
Spirotetramat and spirotetramat-enol (sum of), exp (0.01)	Spirotetramat-enol (0.01)	Spirotetramat-enolglucoside (0.01)	Spirotetramat-ketohydroxy (0.01)	Spirotetramat-monohydroxy (0.01)
Sulfentrazone (0.01)	Sulfosulfuron (0.01)	Sulfoxaflor (0.01)	Tebuconazole (0.01)	Tembotrione (0.01)
TFNA (0.01)	TFNG (0.01)	Thiacloprid (0.01)	Thiamethoxam (0.01)	Thifluzamide (0.01)
Thiocyclam (0.01)	Thiodicarb (0.01)	Thiometon (0.01)	Thiometon expressed as the Sum of thiometon, thiom (0.01)	Thiometon-sulfone (0.01)
Thiometon-sulfoxide (0.01)	Thiophanate-methyl (0.01)	Tolfenpyrad (0.01)	TOPRAMEZONE (0.01)	Triadimefon (0.01)
Triallate (0.01)	Triasulfuron (0.01)	Triazophos (0.01)	Trichlorfon (0.01)	Tricyclazole (0.01)
Tridemorph (0.01)	Trifloxystrobin (0.01)	Validamycine (0.01)		

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

Dr Shalini Sharma

Sr. Manager - General Chemistry

Mr Sourabh Halder

Manager -Microbiology

LOQ = Limit of Quantification

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