



Batch code: EUINBA-00211735
Report code: AR-25-IR-014178-01
Report date: 28.01.2025

TL-1097

EVEXIA VENTURES PRIVATE LIMITED - Mumbai
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Scan to authenticate this report

Pranali Londhe

ANALYTICAL REPORT

Sample code:	258-2025-01010283	Report code:	AR-25-IR-014178-01
Sample name:	Organic Turmeric Powder	Received on:	22.01.2025
Client Details	7	Analysed between:	22.01.2025 - 28.01.2025
Sample reference	Customer Provided Details Batch No:OT15TUR0424 DOM:13/05/24 DOE:12/05/25		
Quantity received:	200g x 2no	Condition on receipt:	Good
Sample packing:	Sealed Polythene Pack		
Sampling:	NOT SAMPLED BY EUROFINS		

NATURALLY OCCURRING TOXIC SUBSTANCES				<i>Method</i>	<i>Result</i>	<i>LOQ</i>	<i>FSSAI limit</i>	<i>Unit</i>
IR134	IR	Agaric acid	EASI-CHE-SOP-22	<10.0	10	-	mg/kg	
IR12W	IR	Hydrocyanic Acid	AOAC 915.03	<5.0	5	-	mg/kg	
IR141	IR	Hypericin	EASI-CHE-SOP-24	<0.5	0.5	-	mg/kg	
IR092	IR	Saffrole	EASI-CHE-SOP-23	<1.0	1	-	mg/kg	

METAL CONTAMINANTS				<i>Method</i>	<i>Result</i>	<i>LOQ</i>	<i>FSSAI limit</i>	<i>Unit</i>
IR38H	IR	Lead (Pb)	EASI-CHE-SOP-44	<0.05	0.05	Max.10	mg/kg	
IR38J	IR	Cadmium (Cd)	EASI-CHE-SOP-44	<0.02	0.02	Max.0.1	mg/kg	
IR1WL	IR	Tin (Sn)	EASI-CHE-SOP-44	<0.01		Max.0.01	mg/kg	
IR38K	IR	Mercury (Hg)	EASI-CHE-SOP-44	<0.01	0.01	Max.1.0	mg/kg	
IRP1H	IR	Methyl Mercury	EASI-CHE-SOP-249	<0.01	0.01	Max.0.25	mg/kg	
IR38G	IR	Arsenic (As)	EASI-CHE-SOP-44	<0.05	0.05	Max.0.1	mg/kg	
IR1WS	IR	Chromium (Cr)	EASI-CHE-SOP-44	0.49	0.1	-	mg/kg	

MYCOTOXINS				<i>Result</i>	<i>LOQ</i>	<i>FSSAI limit</i>	<i>Unit</i>
IR101	IR	Aflatoxin B1, B2, G1, G2 (HPLC-FLD)	Method: EASI-CHE-SOP-19				
		Aflatoxin B1		<0.5	0.5	Max.15	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		Max.30	µg/kg

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TL-1097

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**Result LOQ****FSSAI limit****Unit**

IR122	IR	Glufosinate, Glyphosate	Method: EASI-CHE-SOP-61			
		Glufosinate-ammonium		<0.01	0.01	mg/kg
IR0ZH	IR	Glufosinate, Glyphosate	Method: EASI-CHE-SOP-61			
		Glyphosate		<0.01	0.01	mg/kg
IR31K	IR	Cartap	Method: EASI-CHE-SOP-21			
		Cartap		<0.01	0.01	mg/kg
IR2AJ	IR	Fluchloralin	Method: EASI-CHE-SOP-21			
		Fluchloralin		<0.01	0.01	mg/kg
IR34L	IR	Hydrogen cyanamide	Method: EASI-CHE-SOP-66			
		Hydrogen cyanamide		<1.0	1	mg/kg
IR2H0	IR	Triacantanol	Method: EASI-CHE-SOP-21			
		Triacantanol		<0.01	0.01	mg/kg
IR0Z9	IR	Copper Hydroxide (as Cu)	Method: EASI-CHE-SOP-44			
		Copper Hydroxide (as Cu)		4.120	0.1	Max.5.0 mg/kg
IR0QZ	IR	Copper Oxide as Cu	Method: EASI-CHE-SOP-44			
		Copper Oxide (as Cu)		4.120	0.1	Max.5.0 mg/kg
IR257	IR	Copper Oxychloride	Method: EASI-CHE-SOP-44			
		Copper oxychloride (as Cu)		4.120	0.1	Max.5.0 mg/kg
IR0R0	IR	Copper Sulphate as Cu	Method: EASI-CHE-SOP-44			
		Copper Sulphate (as Cu)		4.120	0.1	Max.5.0 mg/kg
IR22A	IR	Pesticides GC-MS/MS (FSSAI)	Method: EASI-CHE-SOP-21			
		Chlorpyrifos (-ethyl)		0.148	0.01	0.1# mg/kg
		Other screened pesticides		Not Detected		
IR22B	IR	Pesticides LC-MS/MS (FSSAI)	Method: EASI-CHE-SOP-21			
		Screened pesticides		Not Detected		

Sample Conclusion:

The Chlorpyrifos (-ethyl) result of the above mentioned analyses are not in accordance with the requirements of FSSAI (Food Safety and Standards Authority of India) Regulation.

Note:

Max. = Maximum

'#' = MRL's not specified

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TL-1097

Marked MRL's are provided considering default MRL as per FSSAI Regulation

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)	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)	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)	Triacantanol (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)	Diafenthion (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)	Fenamidon (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)	

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TL-1097

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

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)	Oxadiazyl (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)	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)	Pyriothiobac-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)				

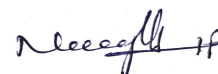
The tests identified by the two letters code IR are performed by Eurofins Analytical Services India (Bangalore), INDIA.



Dr Shalini Sharma

Sr. Manager - General Chemistry

LOQ = Limit of Quantification



Mr Nagabhushana H P

Deputy Manager -Residue Lab

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

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