

Naturaltein LNG Pvt. Ltd.

Warehouse No.2, Sr No. 54, Badhe Nagar
Kondhwa Budruk-411048, Maharashtra



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ANALYTICAL REPORT

Sample code :EKA1-24-02-03688

Sample Name: Nutraceutical - Plant Protein - Mango
Flavour (NPPM)

Sample quantity: 300g

Sample Appearance:Yellow Color Powder

Condition on receipt: Good

Sample packing: Sealed Plastic Container

Environmental Condition: Not Applicable

Customer provided details: Batch No : NPPM 231001 |
Mfg : Oct 2023 | Exp : Sep 2024 | Manufacturer Name:
Saipro Industries Pvt. Ltd | Address:Gat No.286-287
A/P - Kasaramboli Tal - Mulshi Dist - Pune. 412115.
Maharashtra | FSSAI Licence No : 11521998000128

Received On: 15/02/2024

Analysed between: 16/02/2024 to 21/02/2024

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 Code	Test Parameter	Test Method	Result	Unit	LOQ	LIMITS
BIOLOGICAL							
1	E1MI591	Total plate count	ISO 4833 (Part 01):2013, Amd.-1:2022	8.0x10 ¹	cfu/g	-	1x10 ⁵
2	E1MI04	<i>Escherichia coli</i>	ISO 16649-2:2001	<10	Cfu /g	-	-
3	E1MI248	<i>Yeast and Mold</i>	ISO 21527 (Part-1):2008	<10	Cfu /g	-	1x10 ³
4	E1MI08	<i>Coliforms</i>	ISO 4832-2006	<10	Cfu /g	-	-
5	E1MI21	<i>Salmonella spp</i>	ISO 6579-1:2017 Amd 2020.	Absent	/25g	-	Absent
6	E1MI17	<i>Staphylococcus aureus</i>	ISO 6888 (Part 01) : 2021	<10	Cfu /g	-	-
CHEMICAL							
7	E1NI1780	Cholesterol	AOAC 21st edition 994.10	179.39	mg/100g	1.0	-
8	E1NI826	Dietary Fiber	AOAC 21st edition 985.29: 2019	<0.5	g/100 g	0.5	-
9	E1NI1779	Trans fat	AOAC 21st edition 996.06	7.53	g/100 g	0.1	-
10	E1NI1773	Carbohydrates	EKA-CHE-SOP-40	13.40	g/100 g	0.1	-
11	E1NI833	Protein	IS 7219: 1973	71.68	g/100 g	0.1	-
12	E1NI5053	Total Sugars	AOAC21st edition945.66	5.54	g/100 g	0.5	-
13	E1NI1771	Energy	EKA-CHE-SOP-40	408.15	Kcal/100g	-	-
14	E1NI814	Added Sugars	IS 6287	<0.5	g/100 g	0.5	-
16	E1NI3476	Fat	AOAC21st edition	7.53	g/100 g	0.1	-

			TC-9653 922.06:2019				
17	-	Of Which Saturates (Saturated Fat)	AOAC21st edition 922.06:2019	1.90	g/100 g	0.1	-
INORGANIC							
18	E1II175	Sodium	EKA-CHE-SOP-47	678.1	mg/100g	1.0	-
19	E1II75	Arsenic as As	EKA-CHE-SOP-47	BLQ	mg/kg	0.05	Max 1.1
20	E1II25	Lead as Pb	EKA-CHE-SOP-47	BLQ	mg/kg	0.05	Max 2.5
21	E1II76	Cadmium as Cd	EKA-CHE-SOP-47	0.049	mg/kg	0.01	Max 1.5
22	E1II87	Mercury as Hg	EKA-CHE-SOP-47	BLQ	mg/kg	0.01	Max 1.0
23	E1II87	Methyl Mercury as Hg	EKA-CHE-SOP-102	BLQ	mg/kg	0.05	Max 0.25
24	E1II197	Copper as Cu	EKA-CHE-SOP-47	7.553	mg/kg	0.5	Max 30.0
PESTICIDES							
25	-	Dithiocarbamates as CS2 (Mancozeb, Metiram)	EKA-CHE-SOP-33	BLQ	mg/kg	0.01	-
26	-	Copper Oxychloride as Cu	EKA-CHE-SOP-47	BLQ	mg/kg	0.5	Max 30.0
27	-	Copper Oxide as Cu	EKA-CHE-SOP-47	7.553	mg/kg	0.5	Max 30.0
28	-	Copper Sulphate as Cu	EKA-CHE-SOP-47	7.553	mg/kg	0.5	Max 30.0
29	-	Copper Hydroxide as Cu	EKA-CHE-SOP-47	7.553	mg/kg	0.5	Max 30.0
30	-	Dinocap	EKA-CHE-SOP-49	BLQ	mg/kg	0.01	-
31	-	Ethephon	EKA-CHE-SOP-52	BLQ	mg/kg	0.01	-
32	-	Forchlorfenuron	EKA-CHE-SOP-52	BLQ	mg/kg	0.01	-
33	-	Fosetyl-Al	EKA-CHE-SOP-52	BLQ	mg/kg	0.01	-
34	-	Kasugamycin	EKA-CHE-SOP-52	BLQ	mg/kg	0.01	-
35	-	Mepiquat Chloride	EKA-CHE-SOP-52	BLQ	mg/kg	0.01	-
36	-	Cartap Hydrochloride	EKA-CHE-SOP-52	BLQ	mg/kg	0.01	-
37	-	Glufosinate Ammonium	EKA-CHE-SOP-53	BLQ	mg/kg	0.01	-
38	-	Glyphosate	EKA-CHE-SOP-53	BLQ	mg/kg	0.01	-
39	-	Paraquat	EKA-CHE-SOP-54	BLQ	mg/kg	0.01	-
40	-	Hydrogen cyanamide	EKA-CHE-SOP-155	<10.0	µg/kg	10.0	-
41	-	Triacantanol	EKA-CHE-SOP-63	BLQ	mg/kg	0.01	
42	-	Other Analyzed Pesticides	EKA-CHE-SOP-63	BLQ	mg/kg	-	-

List of molecules analysed by LC-MSMS & GC-MSMS (LOQ-mg/kg)

SL.No	Parameter Name	LOQ mg/kg	SL.No	Parameter Name	LOQ mg/kg
1	2,4-DichlorophenoxyAceticAcid	0.01	118	Metalaxyl-M	0.01
2	Acephate	0.01	119	Methabenzthiazuron	0.01
3	Acetamiprid	0.01	120	Methomyl	0.01
4	Alachlor	0.01	121	Methyl Chlorophenoxy Acetic Acid (MCPA)	0.01
5	Alpha cypermethrin	0.01	122	Methyl Parathion	0.01
6	Alpha naphthyl Acetic Acid	0.01	123	Metolachlor	0.01
7	Ametroctradin	0.01	124	Metribuzin	0.01
8	Anilophos	0.01	125	Metsulfuron Methyl	0.01
9	Atrazine	0.01	126	Monocrotophos	0.01
10	Azimsulfuron	0.01	127	Myclobutanil	0.01
11	Azoxystrobin	0.01	128	Novaluron	0.01
12	Benfuracarb	0.01	129	Orthosulfamuron	0.01
13	Sum of benomyl and carbendazim expressed as carbendazim	0.01	130	Oxadiazyl	0.01

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14	Bensulfuron Methyl	0.01	131	Oxydemeton-Methyl	0.01
15	Beta Cyfluthrin	0.01	132	Oxyfluorfen	0.01
16	Bifenthrin	0.01	133	Paclobutrazol	0.01
17	BispyribacSodium	0.01	134	Paraquat dichloride	0.01
18	Bitertanol	0.01	135	Penconazole	0.01
19	Buprofezin	0.01	136	Pencycuron	0.01
20	Butachlor	0.01	137	Pendimethalin	0.01
21	Captan	0.01	138	Penoxuslum	0.01
22	Carbaryl	0.01	139	Permethrin	0.01
23	Carbendazim	0.01	140	Phenthoate	0.01
24	Carbofuran	0.002	141	Phorate	0.01
25	Carbosulfan	0.01	142	Phosalone	0.01
26	CarfentrazoneEthyl	0.01	143	Picoxystrobin	0.01
27	Carpropamid	0.01	144	Pinoxaden	0.01
28	Cartap Hydrochloride	0.01	145	Pretilachlor	0.01
29	Chlorantraniliprole	0.01	146	Pirimiphos-methyl	0.01
30	Chlorfenapyr	0.01	147	Profenofos	0.01
31	Chlorfluazuron	0.01	148	Prohexadione calcium	0.01
32	Chlorimuronethyl	0.01	149	Propaquizafop	0.01
33	Chlormequat Chloride(CCC)	0.01	150	Propargite	0.01
34	Chlorothalonil	0.01	151	Propiconazole	0.01
35	Chlorpropham	0.01	152	Propineb	0.01
36	Chlorpyrifos	0.01	153	Pyraclostrobin	0.01
37	Chlothianidin	0.01	154	Pyrazosulfuron ethyl	0.01
38	Chromafenozide	0.01	155	Pyridalyl	0.01
39	Clodinafop-propargyl	0.01	156	Pyriproxyfen	0.01
40	Clomazone	0.01	157	Pyrithiolac Sodium	0.01
41	Copper Hydroxide (Copper determined as elemental copper)	0.1	158	Pymetrozine	0.01
42	Copper Oxychloride (Copper determined as elemental copper)	0.1	159	Quinalphos	0.01
43	Copper Sulphate (Copper determined as elemental copper)	0.1	160	Quizalofopethyl	0.01
44	Cuprous Oxide (Copper determined as elemental copper)	0.1	161	Quizalofop-P-tefuryl	0.01
45	Cyantranilipole	0.01	162	Spinosad	0.01
46	Cyazofamid	0.01	163	Spiromesifen	0.01
47	Cyhalofop-butyl	0.01	164	Sulfosulfuron	0.01
48	Cymoxanil	0.01	165	Tebuconazole	0.01
49	Cypermethrin	0.01	166	Thiacloprid	0.01
50	Deltamethrin	0.01	167	Thifluzamide	0.01
51	Diafenthiuron	0.01	168	Thiodicarb	0.01
52	Dichlorvos	0.01	169	Thiamethoxam	0.01
53	Diclofop	0.01	170	Thiometon	0.01
54	Diclosulam	0.01	171	Thiophanate-Methyl	0.01
55	Dicofol	0.01	172	Tolfenpyrad	0.01
56	Difenoconazole	0.01	173	Trichlorfon	0.01
57	Diflubenzuron	0.01	174	Triadimefon	0.01

58	Dimethoate	0.01	175	Trifloxystrobin	0.01
59	Dimethomorph	0.01	176	Triallate	0.01
60	Dinocap	0.01	177	Triasulfuron	0.01
61	Dinotefuran	0.01	178	Triazophos	0.01
62	Dithianon	0.01	179	Tricyclazole	0.01
63	Dithiocarbamates as CS2	0.01	180	Tridemorph	0.01
64	Diuron	0.01	181	Trifluralin	0.01
65	Dodine	0.01	182	Validamycin	0.01
66	Edifenphos	0.01	183	Fluopicolide	0.01
67	Emamectin Benzoate	0.01	184	Tembotrione	0.01
68	Epoxyconazole	0.01	185	Propanil	0.01
69	Ethephon	0.01	186	Fluopyram and its metabolites	0.01
70	Ethion	0.01	187	Topramezone	0.01
71	Ethofenprox	0.01	188	Thiocyclam Hydrogen Oxalate	0.01
72	Ethoxysulfuron	0.01	189	2,4-D Amine Salt	0.01
73	Etoxazole	0.01	190	Ametyrn	0.01
74	Famoxadone	0.01	191	Fomesafen	0.01
75	Fenamidone	0.01	192	Imazamox	0.01
76	Fenarimol	0.01	193	Spinetoram and its metabolites	0.01
77	Fenazaquin	0.01	194	Bentazone	0.01
78	Fenobucarb	0.01	195	Cyflumetofen	0.01
79	Fenoxaprop-p-ethyl	0.01	196	Boscalid	0.01
80	Fenpropathrin	0.01	197	Flucetosulfuron	0.01
81	Fenpyroximate	0.01	198	Haloxypop-RMethyl	0.01
82	Fenvalerate	0.01	199	Sulfentrazone and its metabolite Desmethylsulfentrazone and 3- Hydroxymethylsulfentrazone	0.01
83	Fipronil	0.005	200	Spirotetramat	0.01
84	Flonicamid	0.01	201	Metrafenone	0.01
85	Fluazifop-p-butyl	0.01	202	Fluxapyroxad	0.01
86	Flubendiamide	0.01	203	Tetraconazole	0.01
87	Fluchloralin	0.01	204	Abamectin	0.01
88	Flufenacet	0.01	205	Flupyradifurone and itsmetabolites Difluoroacetic Acid and Difluoroethylamino-furanone	0.01
89	Flusilazole	0.01	206	Sulfoxaflor	0.01
90	Fluvalinate	0.01	207	Ferbam as CS2	0.01
91	Forchlorfenuron	0.01	208	Oxadiazon	0.01
92	Fosetyl-Al	0.01	209	Cinmethylen	0.01
93	Glufosinate Ammonium	0.01	210	Triacantanol	0.01
94	Glyphosate	0.01	211	Milbemectin	0.01
95	Halosulfuron methyl	0.01	212	SodiumAcefloufen	0.01
96	Hexaconazole	0.01	213	Sodium Para Nitro Phenolate	0.01
97	Hexazinone	0.01			
98	Hexythiazox	0.01		Banned pesticides	0.01
99	Iodosulfuron Methyl Sodium	0.01	214	Aldicarb	0.01
100	Imazethapyr	0.01	215	Aldrin, dieldrin	0.01
101	Imidacloprid	0.01	216	Chlordane	0.01

102	Indoxacarb	0.01	217	Heptachlor	0.01
103	Iprobenfos	0.01	218	Lindane Gamma-HCH	0.01
104	Iprodione	0.01	219	Endosulfan	0.01
105	Isoprothiolane	0.01	220	Carbofuran	0.01
106	Isoproturon	0.01	221	Methomyl	0.01
107	Kasugamycin	0.01	222	Phosphamidon	0.01
108	Kresoxim Methyl	0.01	223	Captafol 8	0.01
109	Lambda cyhalothrin	0.01	224	Formothion	0.01
110	Linuron	0.01	225	Simazine	0.01
111	Lufenuron	0.01	226	Diazinon	0.01
112	Malathion	0.01	227	D.D.T	0.01
113	Mandipropamid	0.01	228	Fenitrothion	0.01
114	Mepiquat Chloride	0.01	229	Fenthion	0.01
115	Mesosulfuron Methyl	0.01	230	Methyl Parathion	0.01
116	Metaflumizone	0.01	231	Ethyl Parathion	0.01
117	Metalaxyl	0.01	232	Monocrotophos	0.01

LOQ: Limit of Quantification,

BLQ: Below Limit of Quantification.

Sample conclusion: The analysed sample is in accordance to FSSR (Food Safety and Standards (Health Supplements, Nutraceuticals, Food for Special Dietary Use, Food for Special Medical Purpose, Functional Food and Novel Food) Regulations, 2016, in its currently valid version, wherever limits are available.

Note: Conclusion is provided with reference to tested analytes only.



Mr Varaprasad A Babu

Authorised Signatory

Chemical



Dr. Bharath M R

Authorised Signatory

Biological

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***** END OF REPORT
