



TEST REPORT



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Terra Firma Organic Private Limited
Sy No.84 & 85, Kondakal Road,
Bhulkapur Village, Sharkarpalli Mandal,
Rangareddy Dist., Telangana
501203
India



Certificate Number: TIND098121-1 Final-1
Received Date: 19/10/2024
Analysis Start Date: 19/10/2024
Analysis End Date: 29/10/2024
Reported Date: 30/10/2024
Lab Ref. IND98508

ULR: TC861724000022198F

Sample Details

Below Sample Details are Provided By: Customer
Sample Description: Ghee
Below Sample Details are Provided By: Laboratory
Sample Received Quantity: Sealed Glass Container (500gms)
Sampling Details: Not Sampled by ALS
Condition on receipt = A - Satisfactory

S.No	Test	Method	Result	Units	LOQ	Specification
CHEMICAL PARAMETERS						
1	Moisture	FSSAI Manual-CI.13.2	0.24	g/100g	0.01	Max 0.5
2	Polenske value	FSSAI Manual-CI.13.5	0.99	N/A	1	0.5-2.0
3	Reichert-Meissl Value	FSSAI 02.011:2021	27.85	N/A	1	Min 24.0
4	Butyro-Refractometer Reading at 40°C	IS 1479 (P-1)	42.5	N/A	30	40.0-44.0
5	Milk Fat	IS 1479 (P-2)	99.75	g/100g	0.1	Min 99.5
6	Saponification Value	IS 548 (P-1)	231	N/A	80	205-235
7	Free fatty acids (FFA) as Oleic Acid	IS 548 (P-1) Sec 2	0.44	g/100g	0.01	Max 2.0
8	Iodine value	IS 548 (P-1) Sec 2	28.20	N/A	0.1	25-38
9	Baudouin Test (Sesame oil)	IS 548 (P-2)	Negative	N/A	N/A	Negative
10	Beta Sitosterol	FSSAI Qualitative	Absent	N/A	N/A	Absent
CONTAMINANTS						
1	Melamine	S01-CLC-0041	<0.1	mg/kg	0.1	Max 2.5
FATTY ACID COMPOSITION						
1	C 10:0 (Capric acid)	S01-CLC-0075	2.79	g/100g	0.1	0.8-5
2	C 11:0 (Undecanoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
3	C 12:0 (Lauric acid)	S01-CLC-0075	3.60	g/100g	0.1	1.5-4
4	C 13:0 (Tridecanoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
5	C 14:0 (Myristic acid)	S01-CLC-0075	11.90	g/100g	0.1	6-13
6	C 14:1 (Myristoleic acid)	S01-CLC-0075	1.25	g/100g	0.1	-
7	C 15:0 (Pentadecanoic acid)	S01-CLC-0075	1.37	g/100g	0.1	-
8	C 15:1 (Pentadecanoic acid) + Isomers	S01-CLC-0075	<0.1	g/100g	0.1	-
9	C 16:0 (Palmitic acid)	S01-CLC-0075	33.63	g/100g	0.1	22-38
10	C 16:1 (Palmitoleic acid)	S01-CLC-0075	1.62	g/100g	0.1	0.9-2.8
11	C 17:0 (Margaric acid)	S01-CLC-0075	0.58	g/100g	0.1	-

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12	C 17:1 (Margaroleic acid)	S01-CLC-0075	0.22	g/100g	0.1	-
13	C 18:0 (Stearic acid)	S01-CLC-0075	9.02	g/100g	0.1	8-19
14	C 18:1 (Oleic acid)	S01-CLC-0075	19.20	g/100g	0.1	19-32
15	C 18:1n9t (Elaidic acid)	S01-CLC-0075	2.60	g/100g	0.1	-
16	C 18:2 (Linoleic acid)	S01-CLC-0075	1.10	g/100g	0.1	0.5-3.5
17	C 18:2t (Linolelaidic Acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
18	C 18:3 n3 (alpha-Linolenic acid)	S01-CLC-0075	0.65	g/100g	0.1	0.3-1.0
19	C 20:0 (Arachidic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
20	C 20:1 (Eicosenoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
21	C 20:2 (Eicosadienoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
22	C 20:3 (Eicosatrienoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
23	C 20:3n6 (homo-gamma-Linolenic)	S01-CLC-0075	<0.1	g/100g	0.1	-
24	C 20:4n6 (Arachidonic Acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
25	C 20:5 (Eicosapentaenoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
26	C 21:0 (Heneicosanoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
27	C 22:0 (Behenic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
28	C 22:1 (Erucic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
29	C 22:2 (Docosadienoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
30	C 22:6 (Docosahexaenoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
31	C 23:0 (Tricosanoic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
32	C 24:0 (Lignoceric acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
33	C 24:1 (Nervonic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-
34	C 4:0 (Butyric acid)	S01-CLC-0075	1.53	g/100g	0.1	1-5
35	C 6:0 (Caproic acid)	S01-CLC-0075	1.77	g/100g	0.1	0.5-2.2
36	C 8:0 (Caprylic acid)	S01-CLC-0075	1.28	g/100g	0.1	0.4-1.5
37	C18:3n6 (gamma-Linolenic acid)	S01-CLC-0075	<0.1	g/100g	0.1	-

METALS AND MINERALS

1	Arsenic (As)	S01-CLC-0034	<0.01	mg/kg	0.01	Max 1.1
2	Cadmium (Cd)	S01-CLC-0034	<0.01	mg/kg	0.01	Max 1.5
3	Copper (Cu)	S01-CLC-0034	<0.1	mg/kg	0.1	Max 30
4	Lead (Pb)	S01-CLC-0034	<0.05	mg/kg	0.05	Max 0.5
5	Mercury (Hg)	S01-CLC-0034	<0.01	mg/kg	0.01	Max 1.0
6	Tin (Sn)	S01-CLC-0034	<0.1	mg/kg	0.1	Max 250
7	Methyl Mercury (as Hg)	S01-CLC-0034	<0.01	mg/kg	0.01	Max 0.25

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COPPER COMPOUNDS						
1	Copper Hydroxide (as Cu)	S01-CLC-0034	<0.1	mg/kg	0.1	Max 30
2	Copper Oxychloride (as Cu)	S01-CLC-0034	<0.1	mg/kg	0.1	Max 30
3	Copper Sulphate (as Cu)	S01-CLC-0034	<0.1	mg/kg	0.1	Max 30
4	Cuprous Oxide (as Cu)	S01-CLC-0034	<0.1	mg/kg	0.1	Max 30
PESTICIDES						
1	2,4-D Amine Salt	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
2	2,4-Dichlorophenoxy Acetic Acid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
3	Abamectin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
4	Acephate (Sum of Methamidophos & Acephate)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
5	Acetamiprid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
6	Acifluorfen-sodium	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
7	Alachlor	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
8	Aldicarb	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
9	Aldrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
10	Alpha Naphthyl Acetic Acid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
11	Alpha-Cypermethrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
12	Ametoctradin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
13	Ametryn	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
14	Anilofos	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
15	Atrazine	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
16	Azimsulfuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
17	Azoxystrobin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
18	Benfuracarb	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
19	Bensulfuron-methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
20	Bentazone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
21	Beta-Cyfluthrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
22	Bifenthrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.2
23	Bispyribac Sodium	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
24	Bitertanol	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
25	Boscalid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
26	Buprofezin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
27	Butachlor	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
28	Captafol	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
29	Captan	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
30	Carbaryl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
31	Carbendazim	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.1

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32	Carbofuran (sum of carbofuran and 3-OH carbofuran)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
33	Carbosulfan	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
34	Carfentrazone-ethyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
35	Carpropamid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
36	Cartap Hydrochloride	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
37	Chlorantraniliprole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
38	Chlordane	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
39	Chlorfenapyr	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
40	Chlorfluazuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
41	Chlorimuron-ethyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
42	Chlormequat-chloride	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
43	Chlorothalonil	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.07
44	Chlorpropham	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
45	Chlorpyrifos	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
46	Chromafenozide	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
47	Cinmethylin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
48	Clodinafop-propargyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
49	Clomazone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
50	Clothianidin (Sum of Metabolites)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
51	Cyantraniliprole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
52	Cyazofamid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
53	Cyflumetofen	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
54	Cyhalofop-butyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
55	Cymoxanil	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
56	Cypermethrin (sum of isomers) (Fat soluble residue)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
57	D.D.T	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
58	Deltamethrin (Decamethrin)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
59	Diafenthiuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
60	Diazinon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
61	Dichlorvos (DDVP) (content of di-chloroacetaldehyde (D.C.A.) be reported where possible)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
62	Diclofop (Sum of diclofop-methyl & diclofop acid as diclofop-methyl)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
63	Diclosulam	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01

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64	Dicofol (sum of p, p' and o,p' isomers)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
65	Dieldrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
66	Difenoconazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
67	Diflubenzuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
68	Dimethoate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
69	Dimethomorph	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
70	Dinocap	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
71	Dinotefuran	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.1
72	Dithianon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
73	Dithiocarbamates as CS ₂ (maneb, mancozeb, metiram, propineb, thiram and ziram)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
74	Diuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
75	Dodine	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
76	Edifenphos	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
77	Emamectin Benzoate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
78	Endosulfan	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
79	Epoxiconazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
80	Ethephon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
81	Ethion (Sum of Ethion and its oxygen analogue)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.5
82	Ethoxysulfuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
83	Ethyl Parathion	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
84	Ethylenebis (dithiocarbamate) as CS ₂	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
85	Etofenprox	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
86	Etoazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
87	Famoxadone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
88	Fenamidone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
89	Fenarimol	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
90	Fenazaquin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
91	Fenitrothion	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
92	Fenobucarb	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
93	Fenoxaprop-P-ethyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
94	Fenpropathrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.1
95	Fenpyroximate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
96	Fenthion	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
97	Fenvalerate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
98	Ferbam as CS ₂	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
99	Fipronil	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02

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100	Flonicamid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
101	Fluazifop-p-butyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
102	Flubendiamide	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.1
103	Flucetosulfuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
104	Fluchloralin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
105	Flufenacet	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
106	Fluopicolide	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
107	Fluopyram (Sum of Fluopyram and its metabolites)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
108	Flupyradifurone (Sum of Flupyradifurone and its metabolites)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
109	Flusilazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
110	Fluvalinate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
111	Fluxapyroxad	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
112	Fomesafen	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
113	Forchlorfenuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
114	Formothion	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
115	Fosetyl-Al	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
116	Glufosinate-ammonium	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
117	Glyphosate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
118	Halosulfuron methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
119	Haloxyfop-R-methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
120	Heptachlor	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
121	Hexaconazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
122	Hexazinone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
123	Hexythiazox	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
124	Hydrogen Cyanamide	S01-CLC-0105	<0.005	mg/kg	0.005	Max 0.01
125	Imazamox	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
126	Imazethapyr	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
127	Imidacloprid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.1
128	Indoxacarb	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.1
129	Iodosulfuron-methyl sodium	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
130	Iprobenfos (Kitazin)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
131	Iprodione	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
132	Isoprothiolane	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
133	Isoproturon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
134	Kasugamycin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
135	Kresoxim-methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
136	Lambda-Cyhalothrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01

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137	Lindane (Gamma-HCH)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
138	Linuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
139	Lufenuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
140	Malathion (Sum of Malathion and Malaaxon)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
141	Mancozeb as CS ₂	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
142	Mandipropamid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
143	Mepiquat Chloride	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
144	Mesosulfuron-methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
145	Metaflumizone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
146	Metalaxyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
147	Metalaxyl-M	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
148	Methabenzthiazuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
149	Methomyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
150	Methyl Chlorophenoxyacetic acid (MCPA)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.04
151	Metiram as CS ₂	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
152	Metolachlor	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
153	Metrafenone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
154	Metribuzin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
155	Metsulfuron-methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
156	Milbemectin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
157	Monocrotophos	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.02
158	Myclobutanil	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
159	Novaluron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
160	Orthosulfamuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
161	Oxadiargyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
162	Oxadiazon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
163	Oxydemeton-Methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
164	Oxyfluorfen	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
165	Paclbutrazol	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
166	Paraquat dichloride	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
167	Methyl Parathion (combined residues of methyl parathion and its oxygen analogue to be determined and expressed as methyl parathion)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
168	Penconazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
169	Pencycuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
170	Pendimethalin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
171	Penoxsulam	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01

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TEST REPORT



TC-8617



Certificate Number:

TIND098121-1 Final-1

S.No	Test	Method	Result	Units	LOQ	Specification
172	Permethrin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
173	Phenthoate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
174	Phorate (sum of Phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
175	Phosalone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
176	Phosphamidon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
177	Picoxystrobin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
178	Pinoxaden	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
179	Pirimiphos-methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
180	Pretilachlor	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
181	Profenofos	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
182	Prohexadione-calcium	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
183	Propanil	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
184	Propaquizafop	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
185	Propargite	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
186	Propiconazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
187	Propineb as CS ₂	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
188	Pymetrozine	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
189	Pyraclostrobin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.03
190	Pyrazosulfuron-ethyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
191	Pyridalyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
192	Pyriproxyfen	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
193	Pyrithiobac-sodium	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
194	Quinalphos	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
195	Quizalofop-ethyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
196	Quizalofop-P-tefuryl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
197	Simazine	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
198	Sodium p-nitrophenolate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
199	Spinetoram and its metabolites (Spinosyn-J and Spinosyn-L)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
200	Spinosad	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
201	Spiromesifen	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
202	Spirotetramat	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
203	Sulfentrazone and its metabolite Desmethylsulfentrazone and 3-Hydroxymethylsulfentrazone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
204	Sulfosulfuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01

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Certificate Number:

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S.No	Test	Method	Result	Units	LOQ	Specification
205	Sulfoxaflor	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
206	Sum of benomyl and carbendazim expressed as carbendazim	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.1
207	Tebuconazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
208	Tembotrione	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
209	Tetraconazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
210	Thiaproprid	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
211	Thiamethoxam	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
212	Thifluzamide	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
213	Thiocyclam hydrogen oxalate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
214	Thiodicarb	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
215	Thiometon (Sum of Thiometon its sulfoxide and sulphone)	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
216	Thiophanate-methyl	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
217	Tolfenpyrad	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
218	Topramezone	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
219	Triacantanol	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
220	Triadimefon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
221	Tri-allate	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
222	Triasulfuron	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
223	Triazophos	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
224	Trichlorfon	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.05
225	Tricyclazole	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
226	Tridemorph	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
227	Trifloxystrobin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
228	Trifluralin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
229	Validamycin	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01
230	Zineb as CS ₂	S01-CLC-0026	<0.005	mg/kg	0.005	Max 0.01

Sample Conclusion:

The above tested sample complies to FSSR (Food Safety and Standards Regulation), 2011 for the parameters mentioned above.

(-): Not Specified

Max: Maximum

Min: Minimum

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Certificate Number: TIND098121-1 Final-1

S.No	Test	Method	Result	Units	LOQ	Specification
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B Saravanan
Manager-Chemical



For and on Behalf of ALS Testing Services India Private Ltd

LOQ : Limit of Quantification

END OF TEST REPORT

Disclaimers:

Results relate only to the sample analysed. The results may not be reproduced in full, without prior written approval of the laboratory. Unless otherwise stated, all results are expressed on an as received basis. The test samples will not be retained for perishable products and will be retained for 1 month in case of non-perishable samples unless otherwise agreed with the customer or as required by the applicable regulation. This is a computer generated document with electronic signature hence does not require manual signature.

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