



SMS LABS SERVICES PRIVATE LIMITED



Chemical T-2637
Biological T-2639
Mechanical T-2638

TEST REPORT

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Report No : QFD/19040091-002

Report Date: 10 Apr 2019

Customer Name : M/s. Dindigul Farm Product Private Limited
 Customer Address : SF.No.767-769, Karutha Naickan Patty Road, Sendurai Village, Natham Taluk ,
 Sendurai-624 403
 Sample Name : WPPS 12% Sample Quantity : 750 g
 Sample Description : WPPS 12% Sample Received on : 03 Apr 2019
 Reference : Test Request Form Dated 01.04.2019 Test Started on : 04 Apr 2019
 Sample Identification : Batch No: 004, Mfg Date: FEB-19 Test Completed on : 10 Apr 2019
 Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
Physical					
1	Appearance	Physical Examination	--	Creamy yellow powder	--
2	Taste	Physical Examination	--	Slightly sweet	--
Chemical					
3	Nitrates	FSSAI Manual - 1	--	Absent	--
4	Nitrites (Qualitative)	FSSAI Manual - 1	--	Absent	--
5	Bulk Density	FSSAI Manual - 1	g/ml	0.7001	--
6	Fat	IS 11721	g/100g	0.52	NMT 10.0
7	Insolubility Index	IS 12759	ml	0.40	--
8	Lactose	IS 1479 Part - 2	g/100g	77.65	--
9	Moisture	IS 16072	g/100g	2.52	NMT 6.0
10	pH	FSSAI Manual - 1	--	6.51	--
11	Protein on dry basis (N*6.38)	AOAC 21st Edition - 2001.11	g/100g	12.35	--
12	Scorched Particles	IS 13500	--	Disc A	NMT DISC B
13	Titration acidity as Lactic acid	IS 11766	g/100g	0.54	--
14	Total Ash (on dry basis)	IS 14433	g/100g	6.84	--
15	Total solids	FSSAI Manual - 1	g/100g	97.48	--
Biological					
16	Aerobic Spore Count (Bacillus cereus)	IS 5887 - Part 6	cfu/gm	<10	500/g
17	Anaerobic Spore Count (Clostridium Perfringens)	IS 5887 P-4	cfu/gm	<10	50/g
18	Coliform	IS 5401 Part 1	cfu/gm	<10	10/g
19	Escherichia coli	IS 5887 Part 1	--	Absent/g	--
20	Fecal streptococci	IS 5887 Part 2	cfu/gm	<10	--

S. ANBARASAN
Manager Microbiology

A. KANAGAVEL
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21	Listeria monocytogenes	IS 14988 Part 1	--	Absent/g	Absent/g
22	Pseudomonas aeruginosa	IS 13428 : 2005	--	Absent/g	--
23	Salmonella	IS 5887 Part 3	--	Absent/25g	Absent/25g
24	Shigella	IS 5887 Part 7	--	Absent/25g	--
25	Staphylococcus aureus	IS 5887 Part 2	cfu/gm	<10	10/g
26	Thermophilic count	APHA 4th Edition Ch-26	--	<10	--
27	Total Plate Count	IS 5402	cfu/gm	1400	--
28	Yeast & Mould	IS 5403	cfu/gm	<10	50/g
Heavy Metals					
29	Arsenic as As	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.25)	NMT 1.1
30	Cadmium as Cd	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.25)	NMT 1.5
31	Copper as Cu	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.25)	NMT 30.0
32	Lead as Pb	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.01)	NMT 0.02
33	Mercury as Hg	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.25)	NMT 1.0
34	Methyl mercury as Me-Hg	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.1)	NMT 0.25
35	Tin as Sn	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.25)	NMT 250.0
36	Zinc as Zn	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.25)	--
Pesticide Residues					
37	2, 4 - D	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.05
38	2, 4' - DDD	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
39	2, 4' - DDE	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
40	2, 4' - DDT	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
41	4, 4' - DDD	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
42	4, 4' - DDE	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
43	4, 4' - DDT	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
44	Aldrin	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
45	Benomyl	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.1
46	Carbendazim	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.1
47	Carbofuran	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.05
48	Chlordane (cis & trans)	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
49	Chlorfenvinphos	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
50	Chlorpyrifos	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
51	Cypermethrin (isomers)	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.05

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52	Dieldrin	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.01
53	Edifenphos	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	--
54	Esfenvalerate	SMSLA/FD/SOP/015	mg/kg	BDL(DL:0.01)	NMT 0.5
55	Ethion	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	--
56	Fenitrothion	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
57	Fenthion	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.01
58	Fenvalerate	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
59	Heptachlor	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.05
60	Hexachlorocyclo Hexane and its Isomers	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
61	Monocrotophos	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.05
62	Phorate	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.05
63	Pirimiphos-methyl	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	--
Cyanamides					
64	Melamine	SMSLA/IN/SOP/45	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Sterols					
65	Cholesterol	SMSLA/IN/SOP/09	mg/100g	3.48	--
Toxins-Mycotoxins					
66	Aflatoxin M1	SMSLA/IN/SOP/58	µg/kg	BLQ(LOQ:0.25)	--
Toxins-NOTs					
67	Agaric Acid	SMSLA/IN/SOP/53	µg/kg	BLQ(LOQ:20.0)	--
68	Hydrocyanic acid	AOAC 21st Edition - 915.03	mg/kg	BLQ(LOQ:5.0)	--
69	Hypericine	SMSLA/IN/SOP/53	µg/kg	BLQ(LOQ:0.20)	--

Note : <10Cfu/g Can be taken as absent in 1:10 dilution. cfu-colony forming unit. *Non NABL Parameters
BDL: Below Detection Limit DL: Detection Limit. BLQ: Below Quantification Limit, LOQ: Limit of Quantification
Remarks: The above sample complies with the specification as per FSSR 2011, Amendment 2019 for the above tested parameters.

/***** End of the Report *****/

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