



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC611822000001550F

Report No : QFD22030024-01


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Report Date: 07 Mar 2022

Customer Name : M/s. A.R.Dairy Food Private Limited
Customer Address : No:10/5C, Madurai Road,Begampur Post, Dindigul-624 002
Sample Name : Raaj Spray Dried Skimmed Milk Powder **Sample Quantity** : 1kg x 2No's
Sample Description : Raaj Spray Dried Skimmed Milk Powder **Sample Received on** : 02 Mar 2022
Reference : Test Request Form Date 25.02.2022 **Test Started on** : 02 Mar 2022
Sample Identification : Batch No:2226, **Test Completed on** : 07 Mar 2022
Month & Year of Mfg :Feb-2022
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirements as per IS 13334 (Part-1)2014
Food & Agri- Milk & Dairy Products					
Antibiotics - Beta Lactam					
1	Amoxicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
2	Ampicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
3	Cefapirin (Cephapirin)	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
4	Ceftiofur	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
5	Cloxacillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
6	Penicillin G	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
Antibiotics - Sulfonamides					
7	Sulfadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0005)	--
8	Sulfaguanidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0005)	--
9	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0005)	--
10	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0005)	--
11	Sulfaquinoxaline / Sulfachinoxalin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0005)	--
12	Sulfathiazole	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0005)	--
Antibiotics- Fluoroquinolones					
13	Enrofloxacin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.01)	--
Antibiotics-Tetracyclines					
14	Sum of Oxytetracycline (OTC) and 4- Epioxytetracycline (4-EOTC)	SMSLA/LS/SOP/06	mg/kg	BLQ(LOQ:0.01)	--


K.PRAKASH
Senior Chemist

Laboratory Address : 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.
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Biological					
15	<i>Bacillus cereus</i>	IS 5887 (Part 6)	cfu/g	<10	NMT 100
16	<i>Escherichia coli</i>	IS 5887 (Part 1)	Per g	Absent	Absent
17	<i>Listeria monocytogenes</i>	IS 14988 (Part 1)	Per g	Absent	Absent
18	<i>Salmonella spp</i>	IS 5887 (Part 3)	Per 25g	Absent	Absent
19	<i>Staphylococcus aureus</i>	IS 5887 (Part 2)	cfu/g	<10	NMT 10
20	<i>Sulphite Reducing bacteria</i>	ISO 15213	cfu/g	<10	NMT 10
21	<i>Total Coliforms</i>	IS 5401 (Part 1)	cfu/g	<10	NMT 10
22	<i>Total Plate Count</i>	IS 5402	cfu/g	500	NMT 40000
Chemical					
23	Added Colouring Matter	FSSAI Manual 5	--	Absent	--
24	Added Urea	FSSAI Manual 1	--	Absent	--
25	Boric Acid & Borates	FSSAI Manual 1	--	Absent	--
26	Carbohydrates	IS 1656	g/100g	54.71	--
27	Dietary Fibre	AOAC 985.29	g/100g	Nil	--
28	Energy	SMSLA/FD/SOP/011	Kcal/100g	356.31	--
29	Extraneous Matter/ Foreign Matter	SMSLA/FD/SOP/015	--	Absent	--
30	Flavour/Odour	SMSLA/FD/SOP/033	--	Characteristic Flavour & Odour	--
31	Hydrogen Peroxide	FSSAI Manual 1	--	Absent	--
32	Added Flavour	SMSLA/FD/SOP/033	--	Nil	--
33	Insolubility Index	IS 12759	ml	0.20	NMT 2.0
34	Lactose	IS 1479 (Part 2)	g/100g	53.17	--
35	Milk Fat	FSSAI Manual 1	g/100g	0.31	NMT 1.5
36	Milk Protein	AOAC 2001.11	g/100g	34.90	NLT 34.0
37	Moisture	FSSAI Manual 1	g/100g	3.21	NMT 4.0
38	Scorched Particles	IS 13500	--	Disc A	Disc B
39	Taste	SMSLA/FD/SOP/033	--	Characteristic Taste	--
40	Titration Acidity	IS 11766	ml of 0.1 N NaOH/10g SNF	15.3	12-18

S. RESHMA
Senior Chemist

D. KARTHIK
Microbiologist

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41	Total ash (on dry basis)	FSSAI Manual 1	g/100g	7.70	NMT 8.2
42	Total Solids	FSSAI Manual 1	g/100g	96.79	--
43	Total Sugar	SMSLA/FD/SOP/019	g/100g	53.17	--
44	Added Sugar	FSSAI Manual 1	--	Absent	--
45	Formaldehyde	FSSAI Manual 1	--	Absent	--
Fatty Acid Profile					
46	Saturated Fat	SMSLA/GM/SOP/01	g/100g	0.71	--
47	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--
Mycotoxins					
48	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--
Others - Cyanamides					
49	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	--
Pesticides					
50	(2,4-Dichlorophenoxy) acetic acid sodium salt	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
51	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
52	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
53	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
54	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
55	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
56	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
57	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
58	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
59	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
60	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
61	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
62	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
63	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
64	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
65	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--

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66	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
67	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
68	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
69	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
70	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
71	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
72	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
73	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
74	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
75	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
76	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
77	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
78	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
79	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
80	Glufosinate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
81	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
82	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
83	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
84	Mancozeb as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	--
85	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
86	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
87	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
88	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	--
89	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
90	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
91	Paraquat	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
92	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
93	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
94	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--

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95	Pirimiphos methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
96	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
97	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
98	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
99	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
100	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
101	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
102	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
103	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
104	Trichlorfon (Dylox)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
Preservatives					
105	Sorbic acid	SMSLA/HC/SOP/18	mg/kg	BLQ(LOQ:10.0)	--
Sterols					
106	Cholesterol	SMSLA/GM/SOP/02	mg/100g	0.017	--
Trace Metal Elements					
107	Arsenic	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	--
108	Calcium	SMSLA/IS/SOP/05	mg/100g	1235.11	--
109	Lead	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	--
110	Methyl Mercury [Calculated as Element]	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	--
111	Potassium	SMSLA/IS/SOP/05	mg/100g	1664.11	--
112	Sodium	SMSLA/IS/SOP/05	mg/100g	567.41	--

Remarks: The sample conforms to the specification as per IS 13334 (Part-1)2014 for the above tested parameters.
Note: BLQ: Below Limit of Quantification; LOQ: Limit of Quantification. NMT: Not more than. NLT: Not Less Than.
<10Cfu/g can be taken as absent in 1:10 dilution.cfu-colony forming unit.

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


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