



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Report No : FDC21080127-03

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Report Date: 23 Aug 2021

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 Low Fat Paneer **Sample Quantity** : 500ml*5No's
Sample Description : Raaj Low Fat Paneer **Sample Received on** : 17 Aug 2021
Reference : Customer Letter Dated 16.08.2021 **Test Started on** : 17 Aug 2021
Sample Identification : Batch No: 342, Packaging Date: 12 Aug 21 **Test Completed on** : 23 Aug 2021
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2021
Antibiotics - Sulfonamides					
1	Sulfadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
2	Sulfaguanidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
3	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
4	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
5	Sulfaquinolaxin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
6	Sulphadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
7	Sulphathiazole sodium	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
Antibiotics- Beta Lactum					
8	Amoxicilline trihydrate	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
9	Ampicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
10	Cephapirin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
11	Ceftiofur	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
12	Cloxacillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
13	Penicillin G	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
Antibiotics- Fluoroquinolones					
14	Enrofloxacin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.01)	--
Antibiotics-Tetracyclines					
15	Oxytetracycline	SMSLA/LS/SOP/06	mg/kg	BLQ(LOQ:0.01)	--
Chemical					
16	Carbohydrates	IS 1656	g/100g	2.35	--
17	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	230.68	--
18	Fat	FSSAI Manual 1	g/100g	15.72	NMT 20.00
19	Moisture	FSSAI Manual 1	g/100g	59.03	NMT 70.00

R. Kotteswaran
Authorized Signatory - Chemical

Laboratory Address : 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.
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20	Protein	AOAC 2001.11	g/100g	19.95	--
21	Total Solid	FSSAI Manual 1	g/100g	40.97	--
Chemical - Adulterants					
22	Starch	FSSAI Manual 1	--	Absent	--
23	Cellulose	FSSAI Manual 1	--	Absent	--
24	Maltodextrin	IS 1479 (Part 1)	--	Absent	--
Cyanamides					
25	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Fatty Acid Profile					
26	Saturated Fat	SMSLA/GM/SOP/01	g/100g	10.078	--
27	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--
28	Polyunsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.819	--
29	Monounsaturated Fat	SMSLA/GM/SOP/01	g/100g	4.822	--
Heavy Metals					
30	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
31	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
32	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
Mycotoxins					
33	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--
Pesticide Residues					
34	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
35	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
36	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
37	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
38	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
39	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
40	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
41	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
42	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05

R. Kotteeswaran

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43	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
44	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
45	Chlorantranilprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
46	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
47	Chlorpyrifos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
48	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
49	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
51	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
52	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
53	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
54	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
55	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
56	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
57	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
58	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
59	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
60	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
61	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
62	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
63	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
64	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
65	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
66	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
67	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
68	Mancozeb	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
69	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
70	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
71	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
72	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
73	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
74	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
75	Paraquat dichloride	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01

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76	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
77	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
78	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
79	Pirimiphos Ethyl /Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
80	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
82	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
83	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
85	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
86	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
88	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
Biological					
89	Coliform	IS: 5401 (Part 1)	cfu/gm	<10	NMT 10/g
90	Escherichia coli	IS 5887 (Part 1)	cfu/gm	<10	<10/g
91	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/g	Absent/g
92	Salmonella	IS: 5887 (Part 3)	--	Absent/25g	Absent/25g
93	Total Plate Count	IS 5402	cfu/gm	5000	NMT 150000/g
94	Staphylococcus aureus-coagulase	IS 5887 (Part 2)	cfu/gm	<10	NMT 10/g
95	Yeast & Mould	IS: 5403	cfu/gm	<10	NMT 50/g
Sterols					
96	Cholesterol	SMSLA/GM/SOP/02	mg/100g	55.20	--
Minerals					
97	Calcium as Ca	SMSLA/IS/SOP/05	mg/100g	526	--
98	Iron as Fe	SMSLA/IS/SOP/05	mg/100g	22.46	--
99	Magnesium as Mg	SMSLA/IS/SOP/05	mg/100g	6.30	--
100	Potassium as K	SMSLA/IS/SOP/05	mg/100g	39.68	--
101	Sodium as Na	SMSLA/IS/SOP/05	mg/100g	48	--

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2021 for the above tested parameters.

Note : BLQ: Below Quantification Limit, LOQ: Limit of Quantification. NMT:Not more than. NLT:Not less than
<1 cfu/mL can be taken as absent.cfu-colony forming unit.

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

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