



SMS LABS SERVICES PRIVATE LIMITED



TEST REPORT

TC-6118

ULR - TC61182400009546F

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Report No : QFD24020762-01

Report Date: 28 Feb 2024

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 Paneer **Sample Quantity** : 200g x 2No's
Sample Description : Raaj Paneer **Sample Received on** : 22 Feb 2024
Reference : Test Request Form Dated 21.02.2024 **Test Started on** : 22 Feb 2024
Sample Identification : Batch No: 240216, Pkd Date: 17.02.2024, **Test Completed on** : 28 Feb 2024
Exp Date: 07.03.2024
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
Antibiotics - Beta Lactam					
1	Amoxicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.0004)	--
2	Ampicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.0004)	--
3	Cefapirin (Cephapirin)	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.002)	--
4	Ceftiofur	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.002)	--
5	Cloxacillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.002)	--
6	Penicillin G	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.0004)	--
7	Penicillin V	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.0004)	--
Antibiotics - Sulfonamides					
8	Sulfadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
9	Sulfaguanidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
10	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
11	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
12	Sulfaquinolaxaline / Sulfachinoxalin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
13	Sulfathiazole	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
Antibiotics- Fluoroquinolones					
14	Enrofloxacin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
Antibiotics-Tetracyclines					
15	Sum of Oxytetracycline (OTC) and 4- Epioxytetracycline (4-EOTC)	SMSLA/LS/SOP/06	mg/kg	BLQ(LOQ:0.01)	--

A. Manikandan
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

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Biological					
16	<i>Escherichia coli</i>	IS 5887 (Part 1)	Per g	Absent	NMT 10
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	Total Coliforms	IS 5401 (Part 1)	cfu/g	<10	NMT 10
21	Total Plate Count	IS 5402	cfu/g	800	NMT 150000
22	Yeast and mould	IS 5403	cfu/g	<10	NMT 50
Chemical					
23	Added Sugar	SMSLA/FD/SOP/019	g/100g	Nil	--
24	Total Carbohydrates	IS 1656	g/100g	4.00	--
25	Dietary Fibre	AOAC 985.29	g/100g	Nil	--
26	Energy	SMSLA/FD/SOP/011	Kcal/100g	378.20	--
27	Total Fat	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	g/100g	31.00	--
28	Moisture	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	g/100g	45.00	--
29	Total Protein	AOAC 2001.11	g/100g	20.80	--
30	Total ash	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	g/100g	1.93	--
31	Total Solids	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	g/100g	55.00	--
32	Total Sugar	SMSLA/FD/SOP/019	g/100g	4.00	--
Fatty Acid Profile					
33	Mono-unsaturated Fat	SMSLA/GM/SOP/01	g/100g	4.776	--
34	Polyunsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.219	--
35	Saturated Fat	SMSLA/GM/SOP/01	g/100g	19.105	--
36	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--


S. Anbarasan
Authorized Signatory-Biological


P. Jayasudha
Authorized Signatory-Chemical

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
Mycotoxins					
37	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--
Others - Cyanamides					
38	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Pesticides					
39	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
40	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
41	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
42	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
43	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
44	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
45	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
46	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
47	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
48	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
49	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
51	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
52	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
53	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
54	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
56	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
57	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
58	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
59	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
60	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
61	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
62	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
63	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
64	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--

A. Manikandan

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
65	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.0025)	NMT 0.02
66	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
67	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
68	Glufosinate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
69	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
70	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
71	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
72	Mancozeb as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
73	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
74	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
75	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
76	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
77	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
78	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
79	Paraquat	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
82	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
83	Pirimiphos methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
86	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
89	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
90	Triaccontanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
92	Trichlorfon (Dylox)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
Sterols					
93	Cholesterol	SMSLA/GM/SOP/02	mg/100g	72.16	--

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
Trace Metal Elements					
94	Arsenic	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
95	Calcium	SMSLA/IS/SOP/05	mg/100g	529.50	--
96	Iron	SMSLA/IS/SOP/05	mg/100g	0.85	--
97	Lead	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
98	Magnesium	SMSLA/IS/SOP/05	mg/100g	28.20	--
99	Methyl Mercury [Calculated as Element]	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
100	Potassium	SMSLA/IS/SOP/05	mg/100g	72.30	--
101	Sodium	SMSLA/IS/SOP/05	mg/100g	79.30	--

Note: BLQ: Below Limit of Quantification; LOQ: Limit of Quantification.

<10Cfu/g can be taken as absent in 1:10 dilution.cfu-colony forming unit. NMT: Not more than.

Remarks: The sample conforms with the specification as per Food Safety and Standards Regulation 2011, for the above tested parameters.

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

A. Manikandan
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