



SMS LABS SERVICES PRIVATE LIMITED



TEST REPORT

TC-6118

ULR - TC611824000039920F

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Report No : QFD24080463-01

Report Date: 21 Aug 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** : 14 Aug 2024
Reference : Test Request Form Dated 13.08.2024 **Test Started on** : 14 Aug 2024
Sample Identification : Batch Code: 240809, PKD: 09/08/24, **Test Completed on** : 21 Aug 2024
EXP: 28/08/24
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 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
2	Ampicillin	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
3	Cefapirin (Cephapirin)	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.001)	--
4	Ceftiofur	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.002)	--
5	Cloxacillin	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.002)	--
6	Penicillin G	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
7	Penicillin V	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
Antibiotics - Sulfonamides					
8	Sulfadiazine	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
9	Sulfaguanidine	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
10	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
11	Sulfanilamide	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
12	Sulfaquinoxaline / Sulfachinoxalin	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
13	Sulfathiazole	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
Antibiotics- Fluoroquinolones					
14	Enrofloxacin	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
Antibiotics-Tetracyclines					
15	Sum of Oxytetracycline (OTC) and 4- Epioxytetracycline (4-EOTC)	SMSLA/LS/SOP/06 - 2024	mg/kg	BLQ(LOQ:0.01)	--


A. Kangavel
Authorized Signatory-Chemical

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Biological					
16	<i>Escherichia coli</i>	IS 5887 (Part 1) - 1976 (Reaffirmed 2022)	Per g	Absent	NMT 10
17	<i>Listeria monocytogenes</i>	IS 14988 (Part 1) - 2020	Per g	Absent	Absent
18	<i>Salmonella spp</i>	IS 5887 (Part 3) - 1999 (Reaffirmed 2022)	Per 25g	Absent	Absent
19	<i>Staphylococcus aureus</i>	IS 5887 (Part 2) - 1976 (Reaffirmed 2022)	cfu/g	<10	NMT 10
20	Total Coliforms	IS 5401 (Part 1) - 2012 (Reaffirmed 2022)	cfu/g	<10	NMT 10
21	Yeast and mould	IS 5403 - 1999 (Reaffirmed 2018)	cfu/g	<10	NMT 50
22	Aerobic Plate Count	IS 5402 (Part 1) - 2021	cfu/g	30000	NMT 150000
Chemical					
23	Added Sugar	SMSLA/FD/SOP/019 - 2024	g/100g	Nil	--
24	Carbohydrates	IS 1656 - 2022	g/100g	4.14	--
25	Dietary Fibre	AOAC 22nd Edition 985.29 - 2023	g/100g	Nil	--
26	Energy	SMSLA/FD/SOP/011 - 2024	Kcal/100g	351.81	--
27	Fat (On Dry Basis)	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	52.75	NLT 50.0
28	Moisture	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	45.26	NMT 60.0
29	Protein	AOAC 22nd Edition 2001.11 - 2023	g/100g	18.81	--
30	Total ash	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	2.70	--
31	Total Solids	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	54.19	--
32	Total Sugar	SMSLA/FD/SOP/019 - 2024	g/100g	4.14	--


S. Anbarasan
Authorized Signatory-Biological


A. Kanagavel
Authorized Signatory-Chemical

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Fatty Acid Profile					
33	Mono-unsaturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	7.652	--
34	Polyunsaturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	0.491	--
35	Saturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	22.365	--
36	Trans Fat	SMSLA/GM/SOP/01 - 2019	g/100g	BLQ(LOQ:0.001)	--
Mycotoxins					
37	Aflatoxin M1	SMSLA/HC/SOP/03 - 2024	µg/kg	BLQ(LOQ:0.25)	--
Others - Cyanamides					
38	Melamine	SMSLA/LS/SOP/11 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Pesticides					
39	2,4-D	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
40	Acephate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
41	Acetamiprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
42	Azoxystrobin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
43	Benomyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
44	Bifenthrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
45	Bitertanol	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
46	Buprofezin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
47	Carbaryl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
48	Carbendazim	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
49	Carbofuran	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Chlorantraniliprole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
51	Chlorothalonil	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
52	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
53	Clothianidin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
54	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Deltamethrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
56	Dichlorvos	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
57	Difenoconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
58	Dimethoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
59	Dinotefuran	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1


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60	Edifenphos	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
61	Emamectin benzoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
62	Ethion	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
63	Etofenprox	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
64	Fenpropathrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
65	Fenpyroximate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
66	Fipronil	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.0025)	NMT 0.02
67	Flubendiamide	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
68	Flusilazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
69	Glufosinate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
70	Imidacloprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
71	Indoxacarb	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
72	Kresoxim methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
73	Mancozeb as CS2	SMSLA/GM/SOP/05 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
74	Metalachlor	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
75	Methomyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
76	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
77	Metiram as CS2	SMSLA/GM/SOP/05 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
78	Monocrotophos	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
79	Oxydemeton methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Paraquat	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Penconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
82	Phenthoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
83	Phorate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Pirimiphos methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
85	Propiconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Pyraclostrobin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
87	Tebuconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
88	Thiocloprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Thiodicarb	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--


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90	Thiometon	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
91	Triaccontanol	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
92	Triadimefon	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
93	Trichlorfon (Dylox)	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
Sterols					
94	Cholesterol	SMSLA/GM/SOP/02 - 2019	mg/100g	96.23	--
Trace Metal Elements					
95	Arsenic	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
96	Calcium	SMSLA/IS/SOP/05 - 2024	mg/100g	685.75	--
97	Iron	SMSLA/IS/SOP/05 - 2024	mg/kg	BLQ(LOQ:5.0)	--
98	Lead	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
99	Magnesium	SMSLA/IS/SOP/05 - 2024	mg/kg	136.19	--
100	Methyl Mercury [Calculated as Element]	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
101	Potassium	SMSLA/IS/SOP/05 - 2024	mg/100g	58.74	--
102	Sodium	SMSLA/IS/SOP/05 - 2024	mg/100g	37.57	--

Note: BLQ: Below Limit of Quantification; LOQ: Limit of Quantification. NMT: Not more than. <10cfu/g can be taken as absent in 1:10 dilution.cfu-colony forming unit. NLT: Not Less 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 *****/

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