



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC61182200000969F
Report No : QFD22020140-04

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Report Date: 14 Feb 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 Paneer
Sample Description : Raaj Paneer
Reference : Test Request Form Date 08.02.2022
Sample Identification : Batch No:507, Mfg Date:03.02.22
Sample Drawn By : Customer
Sample Quantity : 200g x 2No's
Sample Received on : 09 Feb 2022
Test Started on : 09 Feb 2022
Test Completed on : 14 Feb 2022

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2022
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:0.005)	--
8	Sulfaguanidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
9	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
10	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
11	Sulfaquinoxaline / Sulfachinoxalin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
12	Sulfathiazole	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
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)	--
Biological					
15	<i>Escherichia coli</i>	IS 5887 (Part 1)	Per g	Absent	NMT 10

D. KARTHIK
Microbiologist

K. PRAKASH
Senior Chemist

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16	<i>Listeria monocytogenes</i>	IS 14988 (Part 1)	Per g	Absent	Absent
17	<i>Salmonella spp</i>	IS 5887 (Part 3)	Per 25g	Absent	Absent
18	<i>Staphylococcus aureus</i>	IS 5887 (Part 2)	cfu/g	<10	NMT 10
19	<i>Total Coliforms</i>	IS 5401 (Part 1)	cfu/g	<10	NMT 10
20	<i>Total Plate Count</i>	IS 5402	cfu/g	500	NMT 150000
21	<i>Yeast and mould</i>	IS 5403	cfu/g	<10	NMT 50
Chemical					
22	Total Carbohydrates	IS 1656	g/100g	5.00	--
23	Dietary Fibre	AOAC 985.29	g/100g	Nil	--
24	Energy	SMSLA/FD/SOP/011	Kcal/100g	379.44	--
25	Total Fat	FSSAI Manual 1	g/100g	31.0	--
26	Moisture	FSSAI Manual 1	g/100g	53.16	NMT 60
27	Protein	AOAC 2001.11	g/100g	20.11	--
28	Total ash	FSSAI Manual 1	g/100g	0.856	--
29	Total Solids	FSSAI Manual 1	g/100g	46.84	--
30	Total Sugar	SMSLA/FD/SOP/019	g/100g	5.00	--
31	Added Sugar	FSSAI Manual 1	g/100g	Nil	--
Fatty Acid Profile					
32	Mono-unsaturated Fat	SMSLA/GM/SOP/01	g/100g	4.911	--
33	Saturated Fat	SMSLA/GM/SOP/01	g/100g	19.01	--
34	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--
Mycotoxins					
35	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--
Others - Cyanamides					
36	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Pesticides					
37	(2,4-Dichlorophenoxy) acetic acid sodium salt	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
38	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
39	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02

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40	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
41	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
42	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
43	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
44	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
45	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
46	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
47	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
48	Chlorantranilprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
49	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
50	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
51	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
52	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
53	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
54	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
55	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
56	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
57	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
58	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
59	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
60	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
61	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
62	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
63	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
64	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
65	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
66	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
67	Glufosinate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
68	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
69	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1


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70	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
71	Mancozeb as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
72	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
73	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
74	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
75	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
76	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
77	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
78	Paraquat	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
79	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
82	Pirimiphos methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
83	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
84	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
85	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
87	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
88	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
89	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
90	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Trichlorfon (Dylox)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
Sterols					
92	Cholesterol	SMSLA/GM/SOP/02	mg/100g	108.1	--
Trace Metal Elements					
93	Arsenic	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.1
94	Calcium	SMSLA/IS/SOP/05	mg/100g	525.01	--
95	Iron	SMSLA/IS/SOP/05	mg/100g	21.52	--
96	Lead	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02


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97	Magnesium	SMSLA/IS/SOP/05	mg/100g	10.21	--
98	Methyl Mercury [Calculated as Element]	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
99	Potassium	SMSLA/IS/SOP/05	mg/100g	175.0	--
100	Sodium	SMSLA/IS/SOP/05	mg/100g	80.1	--

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2022 for the above tested parameters.

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.

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


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