



# SMS LABS SERVICES PRIVATE LIMITED



## TEST REPORT

TC-6118

ULR - TC61182400008035F

Report No : QFD24020525-04

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Report Date: 20 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 Malabar Toned Milk Curd  
**Sample Description** : Raaj Malabar Toned Milk Curd  
**Reference** : Test Request Form Dated 14.02.2024  
**Sample Identification** : Batch No: FRT.B2, PKD: 13 FEB 2024,  
Best Before Date: 28 FEB 2024  
**Sample Quantity** : 500g x 2No's  
**Sample Received on** : 15 Feb 2024  
**Test Started on** : 15 Feb 2024  
**Test Completed on** : 20 Feb 2024  
**Sample Drawn By** : Customer

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
<b>Antibiotics - Beta Lactam</b>					
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:0.001)	--
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)	--
<b>Antibiotics - Sulfonamides</b>					
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	Sulfaquinoxaline / Sulfachinoxalin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
13	Sulfathiazole	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0009)	--
<b>Antibiotics- Fluoroquinolones</b>					
14	Enrofloxacin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
<b>Antibiotics-Tetracyclines</b>					
15	Sum of Oxytetracycline (OTC) and 4- Epioxytetracycline (4-EOTC)	SMSLA/LS/SOP/06	mg/kg	BLQ(LOQ:0.01)	--

  
A. Kanagavel  
Authorized Signatory-Chemical

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

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<b>Biological</b>					
16	<i>Escherichia coli</i>	IS 5887 (Part 1)	Per g	Absent	--
17	<i>Listeria monocytogenes</i>	IS 14988 (Part 1)	Per g	Absent	--
18	<i>Salmonella spp</i>	IS 5887 (Part 3)	Per 25g	Absent	--
19	<i>Staphylococcus aureus</i>	IS 5887 (Part 2)	cfu/g	<10	--
20	Total Coliforms	IS 5401 (Part 1)	cfu/g	<10	--
21	Yeast and mould	IS 5403	cfu/g	<10	--
<b>Chemical</b>					
22	Added Sugar	SMSLA/FD/SOP/019	g/100g	Nil	--
23	Added Urea	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	--	Absent	--
24	Boric Acid & Borates	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	--	Absent	--
25	Total Carbohydrates	IS 1656	g/100g	6.35	--
26	Cellulose	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	--	Absent	--
27	Dietary Fibre	AOAC 985.29	g/100g	Nil	--
28	Total Energy	SMSLA/FD/SOP/011	Kcal/100g	70.12	--
29	Total Fat	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	g/100g	3.16	NLT 3.0
30	Maltodextrin/ Dextrin	IS 1479 (Part 1)	--	Absent	--
31	Total Protein	AOAC 2001.11	g/100g	4.07	--
32	Solid Not Fat	AOAC 990.21	g/100g	10.52	NLT 8.5
33	Starch	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products	--	Absent	--
34	Total Sugar	SMSLA/FD/SOP/019	g/100g	6.35	--
<b>Fatty Acid Profile</b>					
35	Saturated Fat	SMSLA/GM/SOP/01	g/100g	2.016	--

S. Anbarasan  
Authorized Signatory-Biological

A. Kanagavel  
Authorized Signatory-Chemical

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36	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--
<b>Mycotoxins</b>					
37	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--
<b>Others - Cyanamides</b>					
38	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
<b>Pesticides</b>					
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	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
52	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
53	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
54	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
56	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
57	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
58	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
59	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
60	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
61	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
62	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
63	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02

  
A. Kanagavel  
Authorized Signatory-Chemical

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64	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
65	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
66	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.0025)	NMT 0.02
67	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
68	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
69	Glufosinate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
70	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
71	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
72	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
73	Mancozeb as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
74	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
75	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
76	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
77	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
78	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
79	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Paraquat	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
82	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
83	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Pirimiphos methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
85	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
87	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
88	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
90	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
91	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
92	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
93	Trichlorfon (Dylox)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05

  
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Authorized Signatory-Chemical

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<b>Preservatives</b>					
94	Sorbic acid	SMSLA/HC/SOP/18	mg/kg	BLQ(LOQ:10.0)	--
<b>Sterols</b>					
95	Cholesterol	SMSLA/GM/SOP/02	mg/100g	9.28	--
<b>Trace Metal Elements</b>					
96	Arsenic	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
97	Calcium	SMSLA/IS/SOP/05	mg/kg	1330.20	--
98	Lead	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
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/kg	1745.60	--
101	Sodium	SMSLA/IS/SOP/05	mg/kg	975.46	--

Note: <10Cfu/g can be taken as absent in 1:10 dilution.cfu-colony forming unit.

BLQ: Below Limit of Quantification; LOQ: Limit of Quantification. NMT: Not more than. 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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