



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT

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Report No : FD23030195-01

Report Date: 21 Mar 2023

**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 Butter Milk(170ml) **Sample Quantity** : 170ml x 5No's  
**Sample Description** : Raaj Butter Milk(170ml) **Sample Received on** : 10 Mar 2023  
**Reference** : Test Request Form Dated 08.03.2023 **Test Started on** : 10 Mar 2023  
**Sample Identification** : Batch No: 073.A1, Exp Date: 14 Mar 2023 **Test Completed on** : 21 Mar 2023  
**Sample Drawn By** : Customer

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2023
<b>Antibiotics - Beta Lactam</b>					
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)	--
<b>Antibiotics - Sulfonamides</b>					
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	Sulfaquinolaxaline / Sulfachinoxalin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
12	Sulfathiazole	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
<b>Antibiotics- Fluoroquinolones</b>					
13	Enrofloxacin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.0025)	--
<b>Antibiotics-Tetracyclines</b>					
14	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>					
15	<i>Escherichia coli</i>	IS 5887 (Part 1)	per mL	Absent	Absent
16	<i>Listeria monocytogenes</i>	IS 14988 (Part 1)	per mL	Absent	Absent
17	<i>Salmonella spp</i>	IS 5887 (Part 3)	Per 25mL	Absent	Absent
18	<i>Staphylococcus aureus</i>	IS 5887 (Part 2)	cfu/mL	<1	NMT 10
19	<i>Total Coliforms</i>	IS 5401 (Part 1)	cfu/mL	<1	NMT 10
20	<i>Yeast and mould</i>	IS 5403	cfu/mL	<1	NMT 50
<b>Chemical</b>					
21	Added Urea	FSSAI Manual 1	--	Absent	--
22	Boric Acid & Borates	FSSAI Manual 1	--	Absent	--
23	Carbohydrates	IS 1656	g/100g	2.68	--
24	Cellulose	FSSAI Manual 1	--	Absent	--
25	Energy	SMSLA/FD/SOP/011	Kcal/100g	27.61	--
26	Fat	FSSAI Manual 1	g/100g	1.05	--
27	Formaldehyde	FSSAI Manual 1	--	Absent	--
28	Hydrogen Peroxide	FSSAI Manual 1	--	Absent	--
29	Maltodextrin/ Dextrin	IS 1479 (Part 1)	--	Absent	--
30	Phosphorus	AOAC 995.11	mg/100g	243.52	--
31	Protein	AOAC 2001.11	g/100g	1.86	--
32	Sodium Chloride	FSSAI Manual 1	--	Present	--
33	Starch	FSSAI Manual 1	--	Absent	--
34	Solid not Fat	FSSAI Manual 1	g/100g	4.66	--
<b>Fatty Acid Profile</b>					
35	Mono-unsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.268	--
36	Polyunsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.021	--
37	Saturated Fat	SMSLA/GM/SOP/01	g/100g	0.762	--
38	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--

  
**S. Anbarasan**  
Authorized Signatory- Biological

  
**A. Kanagavel**  
Authorized Signatory - Chemical

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<b>Mycotoxins</b>					
39	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--
<b>Others - Cyanamides</b>					
40	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
<b>Pesticides</b>					
41	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
42	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
43	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
44	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
45	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
46	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
47	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
48	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
49	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
51	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
52	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
53	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
54	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
55	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
56	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
57	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
58	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
59	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
60	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
61	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
62	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01

  
**A. Kanagavel**  
Authorized Signatory - Chemical

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

  
**A. Kanagavel**  
Authorized Signatory - Chemical

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89	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
90	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
91	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
92	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
93	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
94	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
95	Trichlorfon (Dylox)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
<b>Sterols</b>					
96	Cholesterol	SMSLA/GM/SOP/02	mg/100g	2.90	--
<b>Trace Metal Elements</b>					
97	Arsenic	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
98	Calcium	SMSLA/IS/SOP/05	mg/kg	177.95	--
99	Lead	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
100	Methyl Mercury [Calculated as Element]	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
101	Sodium	SMSLA/IS/SOP/05	mg/kg	2823.50	--

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

<1cfu/mL can be taken as absent. cfu-colony forming unit. NMT: Not more than.

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2023 for the above tested parameters.

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

  
**A. Kanagavel**  
Authorized Signatory - Chemical

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