



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT



TC-6118  
(Integrated)

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Report No : FD21030101-01

Report Date: 11 Mar 2021

**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 Standardized Milk **Sample Quantity** : 500ml x 2No's  
**Sample Description** : Raaj Standardized Milk **Sample Received on** : 04 Mar 2021  
**Reference** : Test Request Form Dated 03.03.2021 **Test Started on** : 05 Mar 2021  
**Sample Identification** : Batch Coding No: FRP.G2, **Test Completed on** : 10 Mar 2021  
Use By Date: 05 MAR 2021  
**Sample Drawn By** : Customer

### TEST RESULTS

S.N O	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2020
<b>Antibiotics - Sulfonamides</b>					
1	Sulfadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
2	Sulfaguanidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
3	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.025
4	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
5	Sulfaquinolaxin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
6	Sulphadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
7	Sulphathiazole sodium	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
<b>Antibiotics- Beta Lactum</b>					
8	Amoxicilline trihydrate	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
9	Ampicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
10	Cefapirin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
11	Ceftiofur	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
12	Cloxacillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
13	Penicillin G	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
<b>Antibiotics- Fluoroquinolones</b>					
14	Enrofloxacin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
<b>Antibiotics-Tetracyclines</b>					
15	Oxytetracycline	SMSLA/LS/SOP/06	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
<b>Biological</b>					
16	Aerobic Plate count	IS 5402	cfu/ml	12000	30000/ml
17	Coliform	IS: 5401 (Part 1)	cfu/ml	<1	<10
18	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/25ml	Absent/25ml
19	Salmonella	IS: 5887 (Part 3)	--	Absent/25ml	Absent/25ml

  
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>Chemical</b>					
20	Carbohydrates	FSSAI Manual 1	g/100g	5.08	--
21	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	75.63	--
22	Fat	FSSAI Manual 1	g/100g	4.59	NLT 4.50
23	Formaldehyde	FSSAI Manual 1	--	Absent	--
24	Hydrogen Peroxide (H2O2)	FSSAI Manual 1	--	Absent	--
25	Maltodextrin	IS 1479 Part-1	--	Absent	--
26	Protein	AOAC 2001.11	g/100g	3.50	--
27	Solid Not Fat (SNF)	AOAC 990.21	g/100g	9.25	NLT 8.50
<b>Chemical - Adulterants</b>					
28	Added Urea	FSSAI Manual 1	--	Absent	Absent
29	Cane Sugar/Sucrose	FSSAI Manual 1	--	Absent	--
30	Sodium Chloride	FSSAI Manual 1	--	Absent	--
31	Starch	FSSAI Manual 1	--	Absent	--
<b>Chemical - Preservatives</b>					
32	Boric Acid & Borates	FSSAI Manual 1	--	Absent	Absent
<b>Cyanamides</b>					
33	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
<b>Fatty Acid Profile</b>					
34	Saturated Fat	SMSLA/GM/SOP/01	g/100g	3.177	--
35	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ(LOQ:0.001)	--
<b>Heavy Metals</b>					
36	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
37	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
38	Mercury as Hg	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.0
39	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
<b>Minerals</b>					
40	Calcium as Ca	SMSLA/IS/SOP/05	mg/100g	144.2	--
41	Sodium as Na	SMSLA/IS/SOP/05	mg/100g	46.5	--
<b>Mycotoxins</b>					
42	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	NMT 0.5

  
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<b>Pesticide Residues</b>					
43	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
44	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
45	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
46	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
47	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
48	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
49	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
51	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
52	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
53	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
54	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
56	Chlorpyrifos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
57	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
58	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
59	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
60	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
61	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
62	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
63	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
64	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
65	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
66	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
67	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
68	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
69	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
70	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
71	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
72	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
73	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02

  
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74	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
75	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
76	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
77	Mancozeb	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
78	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
79	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
80	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
81	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
82	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
83	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
84	Paraquat dichloride	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Pirimiphos Ethyl /Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
90	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
91	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
92	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
93	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
94	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
95	Triaccontanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
96	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
97	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
<b>Preservatives</b>					
98	Sorbic acid	SMSLA/HC/SOP/18	mg/kg	BLQ(LOQ:10.0)	--
<b>Sterols</b>					
99	Cholesterol	SMSLA/GM/SOP/02	mg/100g	18.4	--

Note :BLQ: Below Quantification Limit, LOQ: Limit of Quantification. NMT:Not more than. NLT:Not less than.

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2020 for the above tested parameters.

<1 cfu/mL can be taken as absent.cfu-colony forming unit. \* Non NABL Parameters.

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

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