



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

Report No : FD20100359-02

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Report Date: 16 Oct 2020

Customer Name : M/s. A.R.Dairy Food Private Limited
Customer Address : No:10/5C, Madurai Road,Begampur Post, Dindigul-624 002
Sample Name : Malabar Double Toned Milk **Sample Quantity** : 500ml*5No's
Sample Description : Malabar Double Toned Milk **Sample Received on** : 10 Oct 2020
Reference : Customer Letter Dated 08.10.2020 **Test Started on** : 10 Oct 2020
Sample Identification : Batch Coding No: VEF.B3, Use By Date: 11 OCT 20 **Test Completed on** : 16 Oct 2020
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2020
Biological					
1	Coliform	IS: 5401 (Part 1)	cfu/ mL	<1	<10
2	Escherichia coli	IS 5887 (Part 1)	--	Absent/25ml	NA
3	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/25ml	Absent/25ml
4	Salmonella	IS: 5887 (Part 3)	--	Absent/25ml	Absent/25ml
5	Staphylococcus aureus	IS: 5887 (Part 2)	cfu/ mL	<1	NA
6	Total Plate Count	IS: 5402	cfu/ mL	8000	30000/ml
7	Yeast & Mould	IS: 5403	cfu/ mL	<1	--
Chemical					
8	Carbohydrates	FSSAI Manual 1	g/100g	5.26	--
9	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	48.67	--
10	Gelatin	FSSAI Manual 1	--	Absent	--
11	Hypochlorites and Chloramines	FSSAI Manual 1	--	Absent	--
12	Maltodextrin	Manual for Testing common Adulterants in Food	--	Absent	--
13	Milk Fat	FSSAI Manual 1	g/100g	1.59	NLT 1.5
14	Protein	AOAC 2001.11	g/100g	3.33	--
15	Quarternary Ammonium Compounds	FSSAI Manual 1	--	Absent	--
16	Solid Not Fat (SNF)	AOAC 990.21	g/100g	9.29	NLT 9.0
17	Sulphates	FSSAI Manual 5	--	Absent	--
Chemical - Adulterants					
18	Added Glucose	FSSAI Manual 1	--	Absent	--

S. Anbarasan
Authorized Signatory- Biological

S. Balaji
Authorized Signatory- Chemical

Laboratory Address : 39/6, Thiruvallur High Road , Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai 600 124.

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2020
19	Added Urea	FSSAI Manual 1	--	Absent	--
20	Cane Sugar/Sucrose	FSSAI Manual 1	--	Absent	--
21	Sodium Chloride	FSSAI Manual 1	--	Absent	--
22	Starch	FSSAI Manual 1	--	Absent	--
Chemical - Preservatives					
23	Boric Acid & Borates	FSSAI Manual 1	--	Absent	--
24	Formalin	FSSAI Manual 1	--	Absent	--
25	Hydrogen Peroxide	FSSAI Manual 1	--	Absent	--
26	Salicylic Acid	FSSAI Manual 5	--	Absent	--
Cyanamides					
27	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Heavy Metals					
28	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
29	Cadmium as Cd	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.5
30	Copper as Cu	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 30.0
31	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
32	Mercury as Hg	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.0
33	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
34	Tin as Sn	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 250.0
Minerals-					
35	Calcium as Ca	SMSLA/IS/SOP/05	mg/kg	125.50	--
36	Sodium as Na in SNF	SMSLA/IS/SOP/05	mg/100g	45.50	--
Mycotoxins					
37	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	NMT 0.5
Pesticide Residues-					
38	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
39	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
40	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
41	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
42	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10

S. Balaji
Authorized Signatory - Chemical

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43	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.20
44	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
45	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
46	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
47	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
48	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
49	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
51	Chlorpyrifos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
52	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
53	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
54	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
56	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
57	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
58	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
59	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
60	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
61	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.50
62	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
63	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
64	Fenvalerate	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
65	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
66	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
67	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
68	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
69	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
70	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
71	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
72	Mancozeb	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
73	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01


A. Karagavel
Authorized Signatory - Chemical

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74	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
75	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
76	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
77	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
78	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
79	Paraquat dichloride	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
82	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
83	Pirimiphos Ethyl /Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
86	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Thiamethoxam	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Thiophanate methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
90	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
92	Tricontanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
Physical-					
93	Appearance	SMSLA/FD/SOP/033	--	White coloured liquid	--
94	Colour	SMSLA/FD/SOP/033	--	White Colour	--
95	Odour	SMSLA/FD/SOP/033	--	Characteristic Odour	--
96	Taste	SMSLA/FD/SOP/033	--	Characteristic Taste	--

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

Note : BLQ: Below Quantification Limit, LOQ: Limit of Quantification. * Non NABL Parameter.
<1 cfu/mL can be taken as absent. cfu-colony forming unit.

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


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Authorized Signatory - Chemical


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