

Report No : FD20010122-01

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Report Date: 17 Jan 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 Skimmed Milk Curd **Sample Quantity :** 450gm x 5Nos
Sample Description : Malabar Skimmed Milk Curd **Sample Received on :** 07 Jan 2020
Reference : Test Request Form Dated 03.01.2020 **Test Started on :** 07 Jan 2020
Sample Identification : Malabar, B No: QJD.C3, UBD: 11 JAN 2020 **Test Completed on :** 14 Jan 2020
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
Biological					
1	Coliform	IS: 5401 (Part 1)	cfu/gm	<10	10/g
2	Escherichia coli	IS 5887 (Part 1)	cfu/gm	Absent/g	Absent/g
3	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/g	Absent/g
4	Salmonella	IS: 5887 (Part 3)	--	Absent/25g	Absent/25g
5	Staphylococcus aureus	IS: 5887 (Part 2)	cfu/gm	<10	10/g
6	Total Plate Count	IS: 5402	cfu/gm	5200000	NA
7	Yeast & Mould	IS: 5403	cfu/gm	<10	50/g
Chemical					
8	Carbohydrate	IS 1656	g/100g	5.78	--
9	Detergent	FSSAI Manual 1	--	Absent	--
10	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	42.26	--
11	Fat	FSSAI Manual 1	g/100g	0.5	NMT 0.50
12	Hydrogen Peroxide (H2O2)	FSSAI Manual 1	--	Absent	--
13	Maltodextrin	FSSAI Manual 1	--	Absent	--
14	Phosphorous as P	AOAC 990.24	mg/100g	99.29	--
15	Protein as (N* 6.38)	AOAC 2001.11	g/100g	3.66	--
16	Salt as NaCl	FSSAI Manual 1	--	Absent	--
17	Solid Not Fat (SNF)	AOAC 990.21	g/100g	10.01	NLT 8.7
Chemical - Adulterants					
18	Added Glucose	FSSAI Manual 1	--	Absent	Absent
19	Added Urea	FSSAI Manual 1	--	Absent	Absent



P. Kumar
Authorized Signatory - Chemical


S. Anbarasan
Authorized Signatory - Biological
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20	Cane Sugar/Sucrose	FSSAI Manual 1	--	Absent	Absent
21	Cellulose	FSSAI Manual 1	--	Absent	Absent
22	Saccharin	FSSAI Manual 1	--	Absent	Absent
23	Starch	FSSAI Manual 1	--	Absent	Absent
Chemical - Preservatives					
24	Boric Acid & Borates	FSSAI Manual 1	--	Absent	Absent
25	Formalin	FSSAI Manual 1	--	Absent	Absent
Cyanamides					
26	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Fatty Acid Profile-					
27	Mono-unsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.17	--
28	Polyunsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.01	--
29	Saturated Fat	SMSLA/GM/SOP/01	g/100g	0.38	--
30	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ (LOQ:0.001)	--
Heavy Metals					
31	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
32	Cadmium as Cd	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.5
33	Copper as Cu	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 30.0
34	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
35	Mercury as Hg	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.0
36	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
37	Tin as Sn	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 250.0
Minerals-					
38	Calcium as Ca	SMSLA/IS/SOP/05	mg/kg	1111.38	--
39	Magnesium as Mg	SMSLA/IS/SOP/05	mg/kg	144.45	--
40	Potassium as K	SMSLA/IS/SOP/05	mg/100g	187.24	--
41	Sodium as Na	SMSLA/IS/SOP/05	mg/100g	38.87	--
42	Sugar	FSSAI Manual 1	--	Absent	--
Mycotoxins					
43	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--


A. Kanagavel
Authorized Signatory - Chemical

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Pesticide Residues-					
44	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
45	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
46	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
47	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
48	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
49	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
50	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
51	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
52	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
53	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
54	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
56	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
57	Chlorpyrifos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
58	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
59	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
60	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
61	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
62	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
63	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
64	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
65	Edifenphos	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	Fenvalerate	SMSLA/GS/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


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74	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
75	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
76	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
77	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
78	Mancozeb	SMSLA/GM/SOP/06	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
79	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
81	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
82	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
83	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
84	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Paraquat dichloride	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
88	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Pirimiphos Ethyl /Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
90	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
92	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
93	Thiamethoxam	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
94	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
95	Thiophanate methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
96	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
97	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
98	Triaccontanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
Physical					
99	Appearance	Visual Examination	--	White coloured thick liquid.	--
100	Taste	Sensory Evaluation	--	Characteristic Taste	--


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SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118
(Integrated)

Report No : FD20010122-01

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
Sterols-					
101	Cholesterol	SMSLA/GM/SOP/02	mg/100g	BLQ(LOQ:1.0)	--
Vitamins- Water Soluble					
102	Vitamin B12 (Cobalamine)	SMSLA/HC/SOP/27	mg/100g	BLQ(LOQ:0.50)	--
103	Vitamin B9 (Folic acid)	SMSLA/HC/SOP/27	mg/100g	BLQ(LOQ:0.50)	--

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2019 for the above tested parameters.

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

<10Cfu/g Can be taken as absent in 1:10 dilution. cfu-colony forming unit. * Non NABL Parameter.

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


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