



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118
(Integrated)

Page 1 of 4

Report No : FD20110622-01

Report Date: 21 Dec 2020

Customer Name : M/s. A R Dairy Food Private Limited
 Customer Address : 10/5C ,Madurai Road, Begampur Post, Dindigal-624002
 Sample Name : Raaj Toned Milk Curd Sample Quantity : 500g x 5 No's
 Sample Description : Raaj Toned Milk Curd Sample Received on : 30 Nov 2020
 Reference : Customer Letter Dated 27.11.2020 Test Started on : 30 Nov 2020
 Sample Identification : Batch Coding as: GRX.D1, UBD: 11 Dec 20 Test Completed on : 08 Dec 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/gm	<10	10/g
2	Escherichia coli	IS 5887 (Part 1)	--	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	500000	NA
7	Yeast & Mould	IS: 5403	cfu/gm	<10	50/g
Chemical					
8	Carbohydrates	FSSAI Manual 1	g/100g	5.53	--
9	Detergent	FSSAI Manual 1	--	Absent	--
10	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	64.21	--
11	Fat	FSSAI Manual 1	g/100g	3.09	NLT 3.0
12	Maltodextrin	IS 1479 Part-1	--	Absent	--
13	Phosphorous as P	AOAC 995.11	mg/100g	80.24	--
14	Protein	AOAC 2001.11	g/100g	3.57	--
15	Salt as NaCl	FSSAI Manual 1	--	Absent	--
16	Solid Not Fat (SNF)	AOAC 990.21	g/100g	10.12	NLT 8.5
Chemical - Adulterants					
17	Added Glucose	FSSAI Manual 1	--	Absent	--
18	Added Urea	FSSAI Manual 1	--	Absent	--
19	Cane Sugar/Sucrose	FSSAI Manual 1	--	Absent	--

S. Balaji

Authorized Signatory - Chemical

S. Anbarasan
Authorized Signatory - Biological

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

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2020
20	Cellulose	FSSAI Manual 1	--	Absent	--
21	Saccharin	FSSAI Manual 5	--	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	--
Cyanamides					
26	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	--
Fatty Acid Profile					
27	Mono-unsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.86	--
28	Polyunsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.08	--
29	Saturated Fat	SMSLA/GM/SOP/01	g/100g	2.15	--
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	201.89	--
39	Magnesium as Mg	SMSLA/IS/SOP/05	mg/kg	440.65	--
40	Potassium as K	SMSLA/IS/SOP/05	mg/100g	175.81	--
41	Sodium as Na	SMSLA/IS/SOP/05	mg/100g	112.41	--
42	Sugar	FSSAI Manual 1	--	Absent	--
Mycotoxins					
43	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--


S. Balaji

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A. Kanagavel

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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
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	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	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
73	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
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

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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	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
87	Pirimiphos Ethyl /Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
89	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
90	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Thiamethoxam	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
92	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
93	Thiophanate methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
94	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
95	Triadimenol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
96	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
97	Triacantanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
Physical					
98	Appearance	SMSLA/FD/SOP/033	--	White Coloured Semi solid	--
99	Colour	SMSLA/FD/SOP/033	--	White Colour	--
100	Odour	SMSLA/FD/SOP/033	--	Characteristic Odour	--
101	Taste	SMSLA/FD/SOP/033	--	Characteristic Taste	--
Sterols					
102	Cholesterol	SMSLA/GM/SOP/02	mg/100g	14.3	--
Vitamins- Water Soluble					
103	Vitamin B12 (Cobalamine)	SMSLA/HC/SOP/27	mg/100g	BLQ(LOQ:0.50)	--
104	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 2020 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 Parameters


S. Balaji

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


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