



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT



Chemical T-2637  
Biological T-2639  
Mechanical T-2638

Report No : QFD/18110284-002

Page 1 of 4  
Report Date: 21 Nov 2018

Customer Name : M/s. A.R.Dairy Food Private Limited  
Customer Address : No:10/5C, Madurai Road,Begampur Post,  
Dindigul-624 002  
Sample Name : Toned Milk Curd  
Sample Description : Toned Milk Curd  
Reference : Test Request Form Dated 15.11.2018  
Sample Identification : Batch No; 521.D1, Use by Date: 28 Nov 18  
Sample Drawn By : Customer

Sample Quantity : 2.500 ltr  
Sample Received on : 16 Nov 2018  
Test Started on : 16 Nov 2018  
Test Completed on : 21 Nov 2018

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2017
<b>Biological</b>					
1	Coliform	IS 5401 Part 1	cfu/gm	<10	<10/ml
2	Escherichia coli	IS 5887 Part 1	--	Absent/g	NA
3	Staphylococcus aureus	IS 5887 Part 2	cfu/gm	<10	NA
4	Yeast & Mould	IS 5403	cfu/gm	<10	NA
5	Listeria monocytogenes	IS 14988 Part 1	--	Absent/g	Absent/25ml
6	Salmonella	IS 5887 Part 3	--	Absent/25g	Absent/25ml
<b>Chemical</b>					
7	Sugar (Sucrose)	IS 1479 Part - 2	%	Absent	--
8	Ammonium Compounds	FSSAI Manual - 1	--	Absent	--
9	Anionic Compounds	FSSAI Manual - 1	--	Absent	--
10	Dulcin	FSSAI Manual - 1	--	Absent	--
11	Hypochlorites and Chloramines	FSSAI Manual - 1	--	Absent	--
12	Milk Fat	FSSAI Manual - 1	g/100g	3.11	NLT 3.0
13	Neutralizers	FSSAI Manual - 1	--	Absent	--
14	Nitrates	FSSAI Manual - 1	--	Absent	--
15	Quarternary Ammonium Compounds	FSSAI Manual - 1	--	Absent	--
16	Solid Not Fat (SNF)	FSSAI Manual - 1	g/100g	9.13	NLT 8.5
17	Sulphates	FSSAI Manual - 1	--	Absent	--
18	Hydrocyanic acid	AOAC 20th Edn, 2016, 915.03	mg/kg	BLQ(LOQ:5.0)	--
19	Protein (N * 6.38)	AOAC 20th Edn, 2016, 2001.11	g/100g	3.61	NLT 2.9
20	Energy	SMSLA/FD/SOP/011	Kcal/100g	61.19	--

Authorised Signatory  
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Manager Laboratory

39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk,  
Chennai - 600 124. Phone : 044-26811662 - 664

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21	Fat	FSSAI Manual - 1	g/100g	3.11	--
22	Carbohydrate	FSSAI Manual - 1	g/100g	4.69	--
23	Gelatin	FSSAI Manual - 1	--	Absent	--
<b>Chemical - Adulterants</b>					
24	Cellulose	FSSAI Manual - 1	--	Absent	--
25	Added Glucose	FSSAI Manual - 1	--	Absent	--
26	Starch	FSSAI Manual - 1	--	Absent	--
27	Added Urea	FSSAI Manual - 1	--	Absent	--
28	Saccharin	FSSAI Manual - 1	--	Absent	--
29	Sodium Chloride	FSSAI Manual - 1	--	Absent	--
30	Cane Sugar/Sucrose	FSSAI Manual - 1	--	Absent	--
<b>Chemical - Preservatives</b>					
31	Boric Acid & Borates	FSSAI Manual - 1	--	Absent	--
32	Hydrogen Peroxide	FSSAI Manual - 1	--	Absent	--
33	Formalin	FSSAI Manual - 1	--	Absent	--
<b>Cyanamides</b>					
34	Melamine	SMSLA/IN/SOP/45	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
<b>Heavy Metals</b>					
35	Arsenic as As	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.01)	NMT 0.1
36	Cadmium as Cd	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.10)	NMT 1.50
37	Copper as Cu	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.10)	NMT 30.0
38	Lead as Pb	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.01)	NMT 0.02
39	Mercury as Hg	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.10)	NMT 1.0
40	Methyl mercury as Me-Hg	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.10)	NMT 0.25
41	Tin as Sn	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.10)	NMT 250.0
<b>Pesticide Residues</b>					
42	OC Pesticides - G				
	1) 2,4' - DDE	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
	2) 2,4' - DDT	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
	3) 2,4' - DDD	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
	4) 4,4' - DDD	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
	5) 4,4' - DDE	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
	6) 4,4' - DDT	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25

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	7) Aldrin	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.15
	8) alpha - Endosulfan	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
	9) alpha - HCH	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
	10) beta - Endosulfan	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
	11) beta - HCH	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
	12) delta - HCH	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
	13) Dieldrin	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.15
	14) Endosulfan Sulfate	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
	15) Heptachlor	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.15
	16) Heptachlor epoxide	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
	17) Hexachlorobenzene	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
	18) Lindane (gamma - HCH)	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.01
43	OP Pesticides - G				
	1) Chlorpyrifos	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.01
	2) Parathion ethyl	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
	3) Parathion methyl	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	--
44	OP Pesticides - G				
	1) Chlorfenvinphos (cis & trans)	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.2
	2) Ethion	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.5
45	OP Pesticides - L				
	1) Phorat sulfone	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.05
	2) Phorate sulphoxide	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.05
46	OP Pesticides - L				
	1) Malaaxon	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	--
	2) Malathion	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	--
	3) Monocrotophos	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.02
	4) Paraoxan methyl	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	--
	5) Phorate	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.05
<b>Physical</b>					
47	Color	Physical Examination	--	White colour	--
48	Appearance	Physical Examination	--	White coloured semi solid	--
49	Odour	Physical Examination	--	Characteristic odour	--

  
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Page 4 of 4  
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50	Foreign Matter	Physical Examination	--	Absent	--
51	Taste	Physical Examination	--	Characteristic taste	--
<b>Toxins-Mycotoxins</b>					
52	Aflatoxin M1	SMSLA/IN/SOP/58	µg/kg	BLQ(LOQ:0.25)	NMT 0.5
<b>Toxins-NOTs</b>					
53	Agaric Acid	SMSLA/IN/SOP/53	µg/kg	BLQ(LOQ:20.0)	NMT 100
54	Hypericine	SMSLA/IN/SOP/53	µg/kg	BLQ(LOQ:0.20)	NMT 1.0
55	Safrole	SMSLA/IN/SOP/53	mg/kg	BLQ(LOQ:0.50)	NMT 10.0

Note :BDL: Below Detection Limit DL: Detection Limit.BLQ: Below Quantification Limit, LOQ: Limit of Quantification.  
<10Cfu/g Can be taken as absent in 1:10 dilution. cfu-colony forming unit.

Remarks: The above sample complies with the specification as per FSSR 2011, Amendment 2017 for the above tested parameters.

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

  
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