



SMS LABS SERVICES PRIVATE LIMITED



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

TEST REPORT

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Report No : QFD/19070482-01

Report Date: 02 Aug 2019

Customer Name : M/s. A.R.Dairy Food Private Limited
 Customer Address : No:10/5C, Madurai Road,Begampur Post, Dindigul-624 002
 Sample Name : Full Cream Milk
 Sample Description : Full Cream Milk
 Reference : Test Request Form Dated 26.07.2019
 Sample Identification : Batch No: HGF.12, UBD: 25 JUL 19
 Sample Drawn By : Customer

Sample Quantity : 2 ltr
 Sample Received on : 27 Jul 2019
 Test Started on : 27 Jul 2019
 Test Completed on : 02 Aug 2019

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
Biological					
1	Coliform	IS 5401 Part 1	cfu/ml	<1	<10/ml
2	Escherichia coli	IS 5887 Part 1	--	Absent/ml	Absent/ml
3	Listeria monocytogenes	IS 14988 Part 1	--	Absent/ml	Absent/ml
4	Salmonella	IS 5887 Part 3	--	Absent/25ml	Absent/25ml
5	Staphylococcus aureus	IS 5887 Part 2	cfu/m ^l	<1	<10/ml
6	Total Plate Count	IS 5402	cfu/ml	15000	30000/ml
7	Yeast & Mould	IS 5403	cfu/ml	<1	--
Chemical					
8	Carbohydrate	IS 1656	g/100g	5.40	--
9	Detergent Residues	FSSAI Manual - 1	--	Absent	--
10	Energy	SMSLA/FD/SOP/011	Kcal/100g	89.93	--
11	Fat	FSSAI Manual - 1	g/100g	6.09	NLT 6.0
12	Neutralizers	FSSAI Manual - 1	--	Absent	--
13	Nitrates	FSSAI Manual - 1	--	Absent	--
14	Peroxide value	FSSAI Manual - 1	meq/kg	Nil	--
15	Protein (N * 6.38)	AOAC 21st Edition - 2001.11	g/100g	3.38	--
16	Salt as NaCl	FSSAI Manual - 1	--	Absent	--
17	Solid Not Fat (SNF)	FSSAI Manual - 1	g/100g	9.23	NLT 9.0
18	Sugar	FSSAI Manual - 1	--	Absent	--
Chemical - Adulterants					
19	Added Glucose	FSSAI Manual - 1	--	Absent	--
20	Added Urea	FSSAI Manual - 1	--	Absent	--


P. KUMAR
 Senior Manager


S.ANBARASAN
 Manager Microbiology

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
21	Cane Sugar/Sucrose	FSSAI Manual - 1	--	Absent	--
22	Cellulose	FSSAI Manual - 1	--	Absent	--
23	Maltodextrin	FSSAI Manual - 1	--	Absent	--
24	Saccharin	FSSAI Manual - 1	--	Absent	--
25	Starch	FSSAI Manual - 1	--	Absent	--
Chemical - Preservatives					
26	Boric Acid & Borates	FSSAI Manual - 1	--	Absent	--
27	Formalin	FSSAI Manual - 1	--	Absent	--
Cyanamides					
28	Melamine	SMSLA/IN/SOP/45	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Heavy Metals					
29	Arsenic as As	SMSLA/IN/SOP/87	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
30	Cadmium as Cd	SMSLA/IN/SOP/87	mg/kg	BLQ(LOQ:0.1)	NMT 1.50
31	Copper as Cu	SMSLA/IN/SOP/87	mg/kg	2.40	NMT 30.0
32	Lead as Pb	SMSLA/IN/SOP/87	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
33	Mercury as Hg	SMSLA/IN/SOP/87	mg/kg	BLQ(LOQ:0.1)	NMT 1.0
34	Methyl mercury as Me-Hg	SMSLA/IN/SOP/87	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
35	Tin as Sn	SMSLA/IN/SOP/87	mg/kg	0.11	NMT 250
Pesticide Residues					
36	Ethion	SMSLA/IN/SOP/92	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
37	OC Pesticides - G				
	1) 2,4' - DDE	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	2) 2,4' - DDT	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	3) 2,4' - DDD	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	4) 4,4' - DDD	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	5) 4,4' - DDE	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	6) 4,4' - DDT	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	7) alpha - HCH	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	8) beta - HCH	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	9) delta - HCH	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	10) Endosulfan Sulfate	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01

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	11) Heptachlor epoxide	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	--
	12) Hexachlorocyclohexane	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	13) Lindane (gamma - HCH)	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
38	OP Pesticides - G				
	1) Chlorpyrifos	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	2) Parathion methyl	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	--
	3) Quinalphos	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	--
	4) Disulfoton	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	--
	5) Fenamiphos	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	--
	6) Methidathion	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	--
39	OP Pesticides - G				
	1) Chlorfenvinphos (cis & trans)	SMSLA/IN/SOP/92	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
	2) Ethion	SMSLA/IN/SOP/92	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
40	OP Pesticides - L				
	1) Phorat sulfone	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
	2) Phorate sulphoxide	SMSLA/IN/SOP/15	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
41	OP Pesticides - L				
	1) Monocrotophos	SMSLA/IN/SOP/92	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
	2) Phorate	SMSLA/IN/SOP/92	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
Physical					
42	Appearance	Physical Examination	--	White colour liquid	--
43	Taste	Physical Examination	--	Characteristic Taste	--
Toxins-Mycotoxins					
44	Aflatoxin M1	SMSLA/IN/SOP/58	µg/kg	BLQ(LOQ:0.25)	NMT 0.50

Remarks: The above 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.

<1 cfu/mL can be taken as absent. cfu-colony forming unit.

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


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