



SMS LABS SERVICES PRIVATE LIMITED



Chemical T-2837
Biological T-2839
Mechanical T-2838

TEST REPORT

Report No:FD/18040110-02

Report Date:11/04/2018

Customer Name	: M/s. A.R.Dairy Food Private Limited		
Customer Address	: No:10/5c, Madurai Road,Begampur Post, Dindigul-624 002, Tamil Nadu		
Sample Name	: Raaj Standardized Milk		
Sample Description	: Raaj Standardized Milk	Sample Quantity	: 5x1000ml
Reference	: Customer Letter Dated:04.04.2018	Sample Received on	: 06 Apr 2018
Sample Identification	: B.No: DLR.G1, Use by: 07.04.18	Test Started on	: 06 Apr 2018
Sample Collected By	: LABORATORY	Test Completed on	: 11 Apr 2018

Test Results

S.No	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2016
Chemical					
1	Added Glucose	FSSAI Lab Manual-1	-	Absent	-
2	Ammonium Compounds	FSSAI Lab Manual-1	-	Absent	-
3	Anionic Compounds	FSSAI Lab Manual-1	-	Absent	-
4	Carbohydrate	ISSN 0254-4725 FAO Food and Nutrition Paper 77 Page No : 23	g/100g	5.57	-
5	Energy	ISSN 0254-4725 FAO Food and Nutrition Paper 77 Page No : 23	Kcal/100g	77.51	-
6	Fat	FSSAI Lab Manual-1	g/100g	4.56	NLT 4.5
7	Hydrocyanic acid	AOAC 20th Edition - 915.03	mg/kg	BLQ (LOQ : 5.0)	NMT 5.0
8	Hypochlorites and Chloramines	FSSAI Lab Manual-1	-	Absent	-
9	Milk Fat	FSSAI Lab Manual-1	g/100g	4.56	NLT 4.5
10	Nitrates	FSSAI Lab Manual-1	-	Absent	-
11	Protein (Nx6.38)	FSSAI Lab Manual-1	g/100g	3.55	-
12	Sodium Chloride	FSSAI Lab Manual-1	-	Absent	-
13	Solid Not Fat (SNF)	FSSAI Lab Manual-1	g/100g	9.23	NLT 8.5
14	Sugar as Sucrose	FSSAI Lab Manual-1	g/100g	Absent	-
15	Sulphate	FSSAI Lab Manual-1	-	Absent	-
16	Dulcin	FSSAI Lab Manual-1	-	Absent	-

Page 1 of 4

A. Chinnamani
Authorised Signatory

CHINNAMANI
Sr. Exe. Chemist

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

Accredited by NABL : Approved by EIC, BIS : Recognized by APEDA, MoEF, FSSAI, AGMARK; Certified by ISO 9001:2015 and OHSAS 18001:2007

WARNING : Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. The retention period of samples has been stored as per the appropriate regulatory requirements.



SMS LABS SERVICES PRIVATE LIMITED



TEST REPORT

Report No:FD/16040110-02

Report Date:11/04/2016

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

S.No	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2016
Cyanamides					
17	Melamine	SMSLA/IN/SOP/45	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Heavy Metals					
18	Arsenic as As	SMSLA/IN/SOP/87	mg/kg	BDL (DL: 0.01)	NMT 0.1
19	Cadmium as Cd	SMSLA/IN/SOP/87	mg/kg	BDL (DL: 0.10)	NMT 1.50
20	Copper as Cu	SMSLA/IN/SOP/87	mg/kg	BDL (DL: 0.10)	NMT 30.0
21	Lead as Pb	SMSLA/IN/SOP/87	mg/kg	BDL (DL: 0.01)	NMT 0.02
22	Mercury as Hg	SMSLA/IN/SOP/87	mg/kg	BDL (DL: 0.10)	NMT 1.0
23	Methyl mercury as Me-Hg	SMSLA/IN/SOP/87	mg/kg	BDL (DL: 0.10)	NMT 0.25
24	Tin as Sn	SMSLA/IN/SOP/87	mg/kg	BDL (DL: 0.10)	NMT 250.0
Microbiological Analysis					
25	Coliform count	IS 5401 Part 1	cfu/ml	<1	<10 cfu/mL
26	E.coli	IS 5887 Part 1	-	Absent/ml	Absent/ml
27	Listeria monocytogenes	IS:14988 (Part-1)	-	Absent/ml	Absent/25mL
28	S.aureus	IS 5687Part 2	cfu/ml	<1	<10 cfu/mL
29	Salmonella spp	IS 5887 Part 3	-	Absent/25ml	Absent/25mL
30	Total Bacterial Count	IS 5402	cfu/ml	10,000	30000/mL
31	Yeast and mould	IS 5403	cfu/ml	<1	-
Pesticide Residues					
32	Ethion	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.5
33	Heptachlor	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.15
34	Methyl Parathion	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	-
35	Monocrotopos	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.02
36	o,p DDD	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
37	o,p DDT	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
38	p,p DDD	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25

Page 2 of 4

A. Chinnamani
Authorized Signatory

CHINNAMANI
Sr. Exe. Chemist

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

Accredited by NABL : Approved by EIC, BIS : Recognized by APEDA, MoEF, FSSAI, AGMARK; Certified by ISO 9001:2015 and OHSAS 18001:2007

WARNING : Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. The retention period of samples has been stored as per the appropriate regulatory requirements.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



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

Report No:FD/18040110-02

Report Date:11/04/2018

S.No	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2016
39	p,p DDD	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
40	p,p DDE	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
41	p,p DDT	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 1.25
Pesticide Residues					
42	Phorate	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.05
43	Phorate sulphoxide	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.05
Pesticides Residues- Organochlorine					
44	Aldrin	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.15
45	Alpha - Endosulfan	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
46	alpha - HCH	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
47	beta - Endosulfan	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
48	beta - HCH	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
49	delta - HCH	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.02
50	Dieldrin	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.15
51	Endosulfan Sulfate	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
52	Heptachlor epoxide	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.15
53	Hexachlorobenzene	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
54	Lindane (gamma - HCH)	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.01
Pesticides Residues- Organophosphorous					
55	Chlorfenvinphos	SMSLA/IN/SOP/92	mg/kg	BDL(DL:0.01)	NMT 0.2
56	Chlorpyrifos	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.01
57	Malaoxon	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
58	Malathion	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
59	Methyl Paraoxan	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
60	Parathion	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	-
61	Phorate Sulfone	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.05

Page 3 of 4

A. Chinnamani
Authorised Signatory

CHINNAMANI
Sr. Exe. Chemist

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

Accredited by NABL : Approved by EIC, BIS : Recognized by APEDA, MoEF, FSSAI, AGMARK; Certified by ISO 9001:2015 and OHSAS 18001:2007

WARNING : Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. The retention period of samples has been stored as per the appropriate regulatory requirements.



SMS LABS SERVICES PRIVATE LIMITED



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

TEST REPORT

Report No:FD/18040110-02

Report Date:11/04/2018

S.No	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2016
62	Phorate Sulfoxide	SMSLA/IN/SOP/15	mg/kg	BDL(DL:0.01)	NMT 0.05
Physical					
63	Added Urea	FSSAI Lab Manual-1	-	Absent	-
64	Appearance	Physical Examination	-	White colour liquid	-
65	Boric Acid & Borates	FSSAI Lab Manual-1	-	Absent	-
66	Cane Sugar	FSSAI Lab Manual-1	-	Absent	-
67	Cellulose	FSSAI Lab Manual-1	-	Absent	-
68	Colour	Visual Examination	-	White colour	-
69	Foreign matter	Physical Examination	-	Absent	-
70	Formalin	FSSAI Lab Manual-1	-	Absent	-
71	Gelatin	FSSAI Lab Manual-1	-	Absent	-
72	Hydrogen Peroxide	FSSAI Lab Manual-1	-	Absent	-
73	Neutralisers	FSSAI Lab Manual-1	-	Absent	-
74	Odour	Physical Examination	-	Characteristic odour	-
75	Quarternary Ammonium Compounds	FSSAI Lab Manual-1	-	Absent	-
76	Saccharin	FSSAI Lab Manual-1	-	Absent	-
77	Starch	FSSAI Lab Manual-1	-	Absent	-
78	Taste	Physical Examination	-	Characteristic taste	-
Toxins-Mycotoxins					
79	Aflatoxin M1	SMSLA/IN/SOP/58	ug/kg	BLQ(LOQ:0.25)	NMT 0.5
Toxins-NOTs					
80	Agaric Acid	SMSLA/IN/SOP/053	mg/kg	BLQ(LOQ:20.0)	NMT 100.0
81	Hypericine	SMSLA/IN/SOP/53	mg/kg	BLQ(LOQ:0.20)	NMT 1.0
Toxins-NOTs					
82	Saffrole	SMSLA/IN/SOP/053	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.
<1 cfu/mL can be taken as absent. cfu-colony forming unit.

End of Report

Page 4 of 4

Authorised Signatory

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

CHINNAMANI
Sr. Exe. Chemist

Accredited by NABL : Approved by EIC, BIS : Recognized by APEDA, MoEF, FSSAI, AGMARK; Certified by ISO 9001:2015 and OHSAS 18001:2007

WARNING : Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. The retention period of samples has been stored as per the appropriate regulatory requirements.