



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



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

Report No : FD/17100181-01

Report Date : 21 Oct 2017

SAMPLE NOT DRAWN BY LABORATORY

Customer Name : M/S. A.R.DAIRY FOOD PRIVATE LIMITED
Customer Address : No.10/5c, Madurai Road, Begampur (PO),
Dindugal, 624 002, Tamil Nadu.
Sample Name : Raaj Full Cream Milk
Sample Description : Raaj Full Cream Milk
Reference : Customer Letter Dated 13.10.2017
Sample No : FD/17100181-01
Sample Identification : B No: LIL J1, MFD: 13 Oct 2017,
UBD: 16 Oct 2017
Sample Condition : Fit for Analysis
Sample Quantity : 2 x 1 Litre

Sample Received on : 14 Oct 2017
Test Started on : 14 Oct 2017
Test Completed on : 21 Oct 2017

Test Results

Sl.No	Parameter	Test Method	Results	Unit	Requirement as per FSS ACT 2006
Chemical					
1	Carbohydrate	ISSN 0254-4725 FAO Food and Nutrition Paper 77 Page No:23	4.98	g/100g	--
2	Energy	ISSN 0254-4725 FAO Food and Nutrition Paper 77 Page No:23	86.85	Kcal/100g	--
3	Fat	FSSAI Manual-1, 2016	6.01	g/100g	NLT 6.0
4	Hydrocyanic acid	AOAC 20 th Edn 2016-915.03	BLQ (LOQ:5.0)	mg/kg	--
5	Solid Not Fat (SNF)	FSSAI Lab Manual-1, 2016	9.10	g/100g	NLT 9.0
6	Sulfites as SO ₂	AOAC 20 th Edn. 2016-990.28	BLQ (LOQ:10.0)	mg/kg	--
7	Added Starch	FSSAI Lab Manual-1, 2016	Absent	--	--
8	Milk Protein(Nx6.38)	FSSAI Lab Manual-1, 2016	3.21	g/100g	--
9	Hydrogen Peroxide	FSSAI Lab Manual-1, 2016	Absent	--	--
10	Formaldehyde	GCMS Head Space Method	BDL (DL:1.0)	mg/kg	--
11	Maltodextrin	FSSAI Lab Manual-1, 2016	Absent	--	--
Heavy Metal					
12	Calcium	SMSLA/IN/SOP/87	135.0	mg/100g	--
Minerals					
13	Sodium as Na	SMSLA/IN/SOP/87	49.50	mg/100g	--
14	Potassium as K	SMSLA/IN/SOP/87	80.0	mg/kg	--
Microbiological Analysis					
15	Coliforms	IS 5401 (Part-1) 2012	<1	cfu/ml	<10
16	E.coli	IS 5887 (Part-1) 1976 RA 2009	Absent/ml	--	Absent/ml
17	S.aureus	IS 5887 (Part-2) 1976 RA 2009	<1	cfu/ml	<10
18	Salmonella spp	IS 5887 (Part-3) 1999 RA 2009	Absent/25ml	--	Absent/25ml

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Authorised Signatory

P. KUMAR

Senior Manager - Food

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Accredited by NABL : Approved by EIC, BIS : Recognized by APEDA, MoEF, FSSAI, AGMARK; Certified by ISO 9001:2008 and OHSAS 18001:2007

WARNING : The Findings constitute no warranty of the samples representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. 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.



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Sl.No	Parameter	Test Method	Results	Unit	Requirement as per FSS ACT 2006
19	Shigella spp	IS 5887 (Part-7) 1999 RA 2009	Absent/25ml	--	--
20	Total Plate Count	IS 5402-2012	600	cfu/ml	NMT 30000
21	Yeast and Mould	IS 5403-1999 RA 2009	<1	cfu/ml	--
Preservatives					
22	Benzoic acid	SMSLA/IN/SOP/72	BLQ (LOQ:10.0)	mg/kg	--
23	Sorbic acid	SMSLA/IN/SOP/72	BLQ (LOQ:10.0)	mg/kg	--

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.

Remarks : The above sample complies with the specification as per FSS Act 2006 for the above tested Parameter.

End of Report

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Authorised Signatory
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