



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



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

Report No: FD/17100181-03

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 Pasteurized Bulter
Sample Description : Raaj Pasteurized Butter
Reference : Customer Letter Dated 13.10.2017
Sample No : FD/17100181-03
Sample Identification : NA
Sample Condition : Fit for Analysis
Sample Quantity : 4 x 500g

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	0.74	g/100g	--
2	Energy	ISSN 0254-4725 FAO Food and Nutrition Paper 77 Page No:23	762.9	Kcal/100g	--
3	Fat	FSSAI Lab Manual-1, 2016	83.47	g/100g	NLT 80.0
4	Free Fatty Acid as Oleic Acid	IS 548 (Part-1) 1964 RA 2013	0.14	mg/kg	NMT 3.0
5	Solid Not Fat (SNF)	FSSAI Lab Manual-1, 2016	0.79	g/100g	NMT 1.50
6	Sulfites as SO ₂	AOAC 20 th Edn. 2016-990.28	BLQ (LOQ: 10.0)	mg/kg	--
7	Peroxide Value	FSSAI Lab Manual-2, 2016	Nil	meq/kg	--
8	Milk Protein(Nx6.38)	FSSAI Lab Manual-1, 2016	2.20	g/100g	--
9	Hydrogen Peroxide	FSSAI Lab Manual-1, 2016	Absent	--	Absent
10	Butyro-Refractometer Reading at 40°C	FSSAI Lab Manual-2, 2016	43.0	--	41.0 to 44.0
Microbiological Analysis					
11	Coliforms	IS 5401 (Part-1) 2012	<10	cfu/g	10/g
12	E.coli	IS 5887 (Part-1) 1976 RA 2009	Absent/g	--	Absent/g
13	S.aureus	IS 5887 (Part-2) 1976 RA 2009	<10	cfu/g	10/g
14	Salmonella spp	IS 5887 (Part-3) 1999 RA 2009	Absent/25g	--	Absent/25g
15	Shigella spp	IS 5887 (Part-7) 1999 RA 2009	Absent/25g	--	--
16	Total Plate Count	IS 5402-2012	2400	cfu/g	25000/g

Page 1 of 2

Authorised Signatory

P. KUMAR

Senior Manager - Food

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 9001:2008 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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17	Yeast and Mould	IS 5403-1999 RA 2009	<10	cfu/g	--
Preservatives					
18	Benzoic acid	SMSLA/IN/SOP/72	BLQ (LOQ:10.0)	mg/kg	--
19	Sorbic acid	SMSLA/IN/SOP/72	BLQ (LOQ:10.0)	mg/kg	--
Sterols					
20	Cholesterol	SMSLA/IN/SOP/09	21	mg/100g	--

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**

Page 2 of 2


Authorised Signatory
G. SHANMUGAM
Asst. Manager Instrumentation

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