

**Laboratory**                      **Dinshaw's Dairy Central Laboratory, Dinshaw's Dairy Foods Private Limited, K-41 & 42, Five Star Industrial Area, MIDC Butibori, Nagpur, Maharashtra**

**Accreditation Standard**    **ISO/IEC 17025: 2005**

**Certificate Number**        **TC-7648**

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**Validity**                        **06.08.2018 to 05.08.2020**

**Last Amended on --**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

<b>I. FOOD AND AGRICULTURAL PRODUCTS</b>				
<b>A.</b>	<b>Milk and Dairy Products</b>			
<b>1.</b>	<b>Liquid Milk</b>	Milk Fat	IS 1224 (Part I): 1977 (RA 2012)	0.5 % to 10 %
		Protein Content	IS 1479 (Part II): 1961 (RA 2012) Clause No 7	1 % to 5.2 %
		Solid Not Fat	IS 1479 (Part I): 2016 Clause No 14	1 % to 25 %
		Total Solids	IS 12333: 1997 (RA 2012)	1 % to 35 %
		Titration Acidity as Lactic Acid	IS 1479 (Part I): 2016 Clause 12	0.01 % to 0.2 %
		Rosalic Acid Test	FSSAI Manual for Milk and Milk Products -2016 Clause 1.2.11.1	Qualitative
		Sugar Test	IS 1479 (Part I): 2016 Clause 15.7	Qualitative
		Detergent Test	FSSAI Manual for Milk and Milk Products-2016 Clause 1.2.14	Qualitative
		Butyro- Refractometer (BR) Reading at 40°C	IS 1479 (Part I): 2016 Clause 15.11	30 to 50
<b>2.</b>	<b>Dahi</b>	Fat	FSSAI Manual for Milk and Milk Products-2016 Clause 4.2	0.1 % to 10 %
		Total Solids	FSSAI Manual for Milk and Milk Products-2016 Clause 4.4.1	1.0 % to 20 %

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<b>3.</b>	<b>Paneer</b>	Fat	IS 10484: 1983 (RA 2012) Appendix B	1.0 % to 30 %
		Total Solids	IS 10484: 1983 (RA 2014) Appendix A	1.0 % to 60 %
<b>4.</b>	<b>Ice Cream</b>	Fat	FSSAI Manual for Milk and Milk Products-2016 Clause 7.4	1.0 % to 18 %
		Protein	IS 1479 (Part II): 1961 (RA 2012) Clause No 7	1.0 % to 5.2 %
		Total Solids	IS 2802: 1964 (RA 2016) Appendix B	1.0 % to 50 %