



Gujarat Co-operative Milk Marketing Federation Limited

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PRODUCT SPECIFICATION SHEET

TABLE BUTTER

Physical				
	Units	Min.	Max.	Reference Method
Colour	-	Colour Reading: Yellow Unit = 40 ± 2 at $15 \pm 1^\circ\text{C}$		Minolta Colour Reader – Model No. CR14
Texture	-	Compact, Uniform, Smooth and not Greasy / Oily		IS:13690:1992
Despatch temperature	$^\circ\text{C}$	-	+4.0	As per SOP
Free moisture	-	-	Absent	As per SOP
Sensory				
	Units	Min.	Max.	Reference Method
Flavour and Taste	-	Clean with uniform salt distribution		IS:13690:1992
Chemical				
	Units	Min.	Max.	Reference Method
Moisture	% m/m	-	15.90	IS:3507:1966
Fat	% m/m	80.20	-	IS:3507:1966
Salt	% m/m	2.30	2.70	IS:3507:1966
Acidity as LA	% m/m	-	0.03	IS:3508:1966
Curd	% m/m	1.00	1.20	IS:3507:1966
Microbiological				
	Units	Min.	Max.	Reference Method
Aerobic plate count	cfu/g	-	5000	IS:5402:2012
Coliforms	per g	-	Absent	IS:5401(Part I/II):(2002/2012)
Yeast & Mould	per g	-	Absent	IS: 5403:1999
E.coli	per g	-	Absent	IS:5887(Part 1):1976
Salmonella & Shigella	per 25g	-	Absent	IS:5887(Part 3):1999 & (Part 7):1999
S.aureus (coag.pos.)	per g	-	Absent	IS:5887(Part 2):1976 & (Part 8):2002
Anaerobic spores	per g	-	Absent	SP:18(Part XI):1981
Listeria monocytogenes	per g	-	Absent	IS:14988(Part 2):2002

Storage Condition and Shelf Life

- Shelf life of the product is 12 months when stored refrigerated at $+4^\circ\text{C}$ or below.

The product shall also conform to any other requirements under the Food Safety Standard Regulations, 2011 (as and when amended).

Packaging

- Consumer pack** : Packets (10g, 20g, 100g, 500g), Tins (400g)
- Bulk pack** : Corrugated boxes (15kg, 20kg)

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Amul SAGAR

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