



Reg. No. A.N.R. / P.R.D. / A. 270

(Date : 12 Nov. 1977)

Sangamner Taluka Sahakari Dudh Utpadak & Prakriya Sangh Ltd.

- Office & Dairy - At. Ghulewadi (Amrutnagar), Po. Sangamner S.K., (422 608) Tal. Sangamner, Dist. Ahmednagar (M.S.)
- Phone & Fax - (02425) 225410, 225510, 226161, 226162, Mo. 9552551461
- Marketing - 225810, Mo. 9850471321, 9850471322 ■ E-mail- pu2197@rediffmail.com ■ www.rajhans.milk.com

SPECIFICATION OF BUTTER MADE FROM COW MILK DESI COOKING YELLOW BUTTER (UNSALTED)

Sr. No.	DISCRIPTION	CHEMICAL SPECIFICATION	REFERENCE METHOD
1.	Appearance	Pleasant Taste & Free from rancidity	FSSPI Manual method
2.	Colour	Yellowish	
3.	Flavour	Free from objectionable flavour and odour	
4.	Texture & consistency	Smooth, Uniform & Firm	
5.	Free Moisture	Absent	IS 3507:1966
6.	Fat%	Min 82	IS 3507:1966
7.	Moisture%	15 to 16	IS 3507:1966
8.	T. Acidity (as lactic acid%)	0.020 to 0.027	IS 3507:1966
9.	EFA % (oleic acid %)	0.17 to 0.28	IS 3507:1966
10.	Curd %	1.3-1.4	IS 3507:1966
11.	TCR	41.0 to 42.5	FSSAI Manual method of analysis 2016. Oils & Fats
12.	Total Plate count (cfu/gm)	1000 to 3500	IS 5402
13.	Coliform count (cfu/gm)	Absent	IS 5401
14.	E-coli (cfu/gm)	Absent	IS 5887 (Part 1)
15.	Yeast & mould count (cfu/gm)	Absent	IS 5403
16.	Salmonella (cfu/25gm)	Absent	IS 5887 (Part 3)
17.	Staph aureus (cfu/gm)	Absent	IS 5887 (Part 2)
18.	Listeria monocytogen (cfu/25gm)	Absent	IS 5887 (Part 1)
19.	Anaerobic spore count (Clostridium sp.) (cfu/25gm)	Absent	IS 5887 (Part 4)
20.	Aerobic spore count Bacillus cereus (cfu/25gm)	Absent	IS 5887 (Part 6)

Storage condition & shelf life

Shelf life of product is 12 months when stored at 18°C of below

The product shall also confirm to any other requirements under the FASSI Regulations 2011 as and when recommended

Packing - Bulk pack corrugated box (20kg) of Mahanand brand name.

MANAGING DIRECTOR

**Sangamner Taluka Sahakari Dudh Utpadak
& Prakriya Sangh Maryadit, Sangamner**



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SPECIFICATION OF SKIMMED MILK POWDER

Sr. No.	DESCRIPTION	CHEMICAL SPECIFICATION	REFERENCE METHOD
1.	Description	Agglomerated White to light cream colour. Free from lumps	IS 13334:2014(Part1)
2.	Flavour & Taste	Pleasant & clean. It may have slightly cooked but not burnt flavour	
3.	Extraneous matter	Free from extraneous matter. Added colour & added flavour	
4.	Titration acidity (ml of 0.1 N NaOH/10g of SNF)	12-18	IS 11766-1986
5.	Milk fat% by mass	1.5 (max)	IS 11721-2013 or IS13334 (Part 1)2014 annex B
6.	Moisture % by mass	3.5 (max)	IS 16072-2012
7.	Insolubility index in ml	0.5 (max)	IS 12759:1989
8.	Total ash (on dry basis in % by mass)	8.2 (max)	IS14433 (Part 1)1997
9.	Total solids % by mass	96.0 (min)	As per SOP
10.	Milk protein in milk solid not fat (% by mass)	Not less than 34.0	IS 7219:1973
11.	pH	6.5-6.8	As per SOP
12.	MBRT test (hrs)	5.0 min	ICAR Bacteriological manual karnal
13.	68% alcohol	Negative	Instruction manual NDDDB Anand
14.	Adulterant test	Negative	Instruction manual NDDDB Anand
15.	Sodium (ppm)	550 (max)	

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Rajhans
Milk

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16.	Scorched particles (mg)	7.5(equivalent to A Grade) to 15 (equivalent to B Grade)	IS 13500
17.	Bulk density (gm/cm ³)	0.48 to 0.58	As per SOP
18.	Total plate count (cfu/gm)	1000-5000	IS 5402
19.	Coliform count (cfu/gm)	Absent	IS 5401
20.	E.coli (cfu/gm)	Absent	IS 5887 (part 1)
21.	Salmonella (cfu/25gm)	Absent	IS 5887 (part 3)
22.	Coagulase positive Staph aureus (cfu/gm)	Absent	IS 5887 (part 2)
23..	Listeria monocytogens (cfu/25gm)	Absent	IS 5887 (part 1)
24.	Anaerobic spore count (Clostridium sp.) (cfu/25gm)	<10	IS 5887 (part 4)
25.	Aerobic spore count (Bacillus cereus) (cfu/25gm)	<100	IS 5887 (part 6)

Storage condition & shelf life

Shelf life of product is 12 months when stored at Room Temperature

The product shall also confirm to any other requirements under the BIS & FSSAI Regulations 2011 as and when recommended

Packing - Bulk pack – SMP Kraft Paper Bag with LDPE Poly liner (25kg) of Mahanand brand name.

MANAGING DIRECTOR
Sangamner Taluka Sahakari Dudh Utpadak
& Prakriya Sangh Maryadit, Sangamner