



**MAHARASHTRA RAJYA SAHAKARI
DUDH MAHASANGH MARYADIT, MUMBAI**

MAHANAND DAIRY

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MND/3/QC/SP/2020-21

Date:- 15/06/2020

SPECIFICATION OF WHITE BUTTER/COOKING BUTTER MADE FROM COW MILK.

Sr. no	DESCRIPTION	CHEMICAL SPECIFICATION	REFERENCE METHOD
1	Appearance	Pleasant taste and free from rancidity	IS 3507
2	Colour	Yellowish	
3	Flavour	Free from objectionable flavour and odour.	
4	Texture & Consistency	Smooth, Uniform & firm.	
5	Free moisture	Absent	
6	Fat %	82	IS 3507:1966
7	T. Acidity(As lactic acid)	0.06	
8	FFA %(As oleic acid)	0.4(Max)	
9	Curd%	Max 1.5	
10	B.R.	40.0 to 43.0	IS 548
11	Total PlateCount(cfu/gm)	Not more than 25000	IS 5402
12	Coliform count(cfu/gm)	Max 5/ml	IS 5401
13	E-Coli(cfu/gm)	Absent	IS 5887 (Part 1)
14	Yeast & Mould(cfu/gm)	Not more than 20	IS 5403
15	Salmonella(cfu/25gm)	Absent	IS 5887 (Part 3)
16	Staphylococcus aureus(cfu/gm)	<10	IS 5887 (Part 2)
17	Listeria Monocytogen(cfu/gm)	Absent	IS 14988 (Part 1)
18	Anaerobic spore count (Clostridium sp.) (cfu/25gm)	Absent	IS 5887 (Part 4)
19	Aerobic spore count(Bacillus cereus) (cfu/25gm)	Absent	IS 5887 (Part 6)

Storage condition and shelf life: shelf life of product is 12 months when stored at -18°C or below.

Packaging: Bulk Pack-Corrugated Box 20 kg.

Dr. Naresh Gite (I.A.S.)
Managing Director