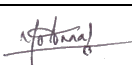



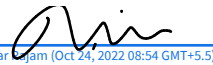
	CavinKare Research Centre Measurement Division RAW MATERIAL SPECIFICATION PROVISIONAL	Spec. No.	CK-462055-00
		Supersedes	-N/A-
		Issue Date	21 OCT 2022
		Validity	20 OCT 2025
		Page No.	Page 1 of 2
Material Name	UNSALTED COW MILK BUTTER FOR UHT USE-EXTERNAL PURCHASE		
Generic Name	Milk Fat		
Storage conditions	Store at -18 °C		
Shelf life	9 month		

S. No.	Tests	Methods	Requirements	Category
Description: Organoleptically				
Butter: Pale yellow colour without any other colour tinge, free from visible impurities, extraneous matter. Should give a fresh buttery note with fatty feel and free from any rancid smell				
Physico Chemical Parameters				
1	Moisture %, Max	STP-293	16.00	A
2	Total Fat %, Min*		82	
3	FFA as oleic acid, Max		0.25	
4	SNF (Solid Not Fat) % Max		2.00	
5	BR Reading @ 40°C		40-44	
6	RM Value, Min		26	
7	Peroxide value, (millieq. of oxygen/ kg fat), Max		0.6	
8	Boudouins Test		Negative	
9	Age of Butter during purchase, Max		2 month	
Microbiological parameters				
9	Total Plate count cfu/gm	MTP-001	<10000	A
10	Coliform .cfu/gm	MTP-003	<10	
11	E.coli /gm	IS 5887 : Part 1 or ISO : 16649-2	Absent	
12	Salmonella/25g	IS 5887 : Part 3/ ISO : 6579	Absent	
13	Staphylococcus aureus coagulase positive/gm	IS 5887 : Part 2 or IS5887Part 8 (Sec 1)/ ISO : 6888-1 or IS 5887 Part 8 (Sec 2)/ ISO 6888-2	Absent	
14	Yeast and mold count cfu/gm	IS:5403 or ISO : 6611	<10	
15	Listeria monocytogenes/gm	IS 14988 : Part 1/ ISO: 11290-1	Absent	

Note: Category A – Every batch to be analyzed; **Category H**- Once in an year from external lab

*Can be purchased based on Kg fat Rate, in that case Fat % in the range 76-82%

Prepared By (Measurement)	Reviewed By (Measurement)	Approved By (Microbiology)	Approved By (Head-Dairy)	Approved By (Head- Dairy & Beverages)
 (Ms. Mefy Anna Tomy)	 (Dr. T. Kumar)	 (Dr. Mahesh Kumar P)	 (Dr. Soumen Bera)	 (Dr. Sridhar Rajam)

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