





THE HISAR – JIND COOPRATIVE MILK PRODUCERS' UNION LTD. MILK PLANT JIND -126102 (HARYANA)

TECHNICAL SPECIFICATION FOR BIS GRADE SKIMMED MILK POWDER

Skimmed Milk Powder conforming to IS: 13334 (Part-1) 2014 and satisfying the requirements of FSSAI Act. SMP shall be produced out of fresh milk and packed in 25 Kg HDPE Laminated Kraft Paper bags.

Sr. No	Description	Parameters
1	Moisture percent by mass. Max	4.0
2	Protein % Min	34.0
3	Total solids % by mass. Min	96.0
4	Milk Fat % by mass. Max	1.5
5	Insolubility index, ml. (Spry Dried)	2.0 ml
6	Total Ash (on dry basis % by mass.) Max	8.2
7	Titrable acidity % by mass. Max	12-18
8	Lactate content mg/. Max	
9	Scorched particles, mg. Max	15
10	Total bacterial count per gm	40000
11	Coliform count in 0.1gm	<10
12	E. Coli	Absent
13	Staphylococcus aures in 0.1 gm	Nil
14	Salmonella in 25 gm	Nil
15	Shigella in 25 gm	Nil

In charge (QC) for- Chief Executive Officer, Milk Union, Hisar-Jind.

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(AN ISO: 9001: 2015 & ISO: 22000:2018 CERTIFIED UNIT)