


The Kurukshetra-Karnal Co-operative Milk Producers' Union Limited

TECHNICAL SPECIFICATION FOR BIS GRADE SKIMMED MILK POWDER

Skimmed Milk Powder conforming to IS: 13334 (Part-I) 2014 and satisfying the requirement 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.	Protine % 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.	Titration 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.	Caliform count in 0.1gm	<10
12.	E.coli	Absent
13.	Staphylococcus aureus in 0.1 gm	Nil
14.	Salmonella in 25 gm	Nil
15.	Shigella in 25 gm	Nil


Incharge (QC)
For- Chief Executive Officer
Milk union Kurukshetra-Karnal

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