

**SPECIFICATION OF SKIM MILK POWDER**  
**PRODUCED BY GOKUL DAIRY PROJECT, KOLHAPUR**

Sr. No.	DESCRIPTION	EXTRA GRADE SPECIFICATION AS PER IS :13334 (PART 2)	RESULT OF GOKUL DAIRY MADE FROM COW MILK
1.	Colour & Flavour	White with greenish/yellowish tinge and clean flavour	White with Yellowish tinge and clean flavour
2.	Moisture %	3.5 % ( Max.)	3.0 To 3.5 %
3.	Fat % ( By mass )	1.25 % ( Max.)	0.5 % to 1%
4.	Acidity %	1.50 % ( Max.)	1.20 TO 1.30 %
5.	Insolubility Index (ml )	0.50 % ( Max.)	Less than 0.5 ml
6.	Standard plate count per gm.	40,000 ( Max.)	2000 To 8000
7.	Coliform in 0.1 gm.	Absent	Absent
8.	Presumptive Coliform test	Negative	Negative
9.	Staph.aureus	Absent in 0.1 gm.	Absent
10.	Salmonella	Absent in 25 gm.	Absent
11.	Shigella	Absent in 25 gm.	Absent
12.	Scorched particle	Equivalent to Disc 'B'	Between A to B Disc
13.	Ash % (On dry basis)	8.2 % (Max.)	7.2 % to 7.5%
14.	Protein	----	33.0 to 34.0
15.	Lactose	----	51.0 to 53.0

Manager ( Q.C.)