

Haridwar Dugdh Utpadak Sahakari Sangh Ltd. Shikarpur (Haridwar)
Specification for SMP

S.No.	Parameter	Limit	Testing Result
Physical Characteristics			
1	Colour	Creamy White	Creamy White
2	Taste	Pleasant	Pleasant
3	Flavour	Clean	Clean
4	Description	Free From Lumps	Free From Lumps
Chemical Analysis			
1	Insolubility index(mt)	0.5 Max ML	0.10
2	Scotch Particles	Disc B/15mg Max	A Grade
3	Alcohol 60 % v/v	Negative	Negative
4	Urea	Negative	Negative
5	Starch	Negative	Negative
6	Salt	Negative	Negative
7	Sugar	Negative	Negative
8	Glucose	Negative	Negative
9	Malt Dextrin	Negative	Negative
10	Neutralizer	Negative	Negative
11	Titration Acidity (As Lactic acid) (Max)	1.5	1.17
12	Moisture % m/m	4% Max	3.08
13	B.D.	0.48 to 0.50	0.5
14	Milk Fat %	1.5 Max	0.66
15	Total Ash (On dry matter basis % m/m)	8.2 Max	7.90
16	Protein (by kjeldhal)% m/m	34.0 Min on SNF Basis	35.09
Microbiological Analysis			
1	Total Plate Count per g	50000 Max	6800
2	Coliform Count per 0.1g	Absent	Absent
3	Yeast & Mold Count/gram(Max)	Absent	Absent
4	E.Coil/0.1g	Absent	Absent
5	Salmonella & Shigella/25g(Max)	Absent	Absent
6	S.Aureus/0.1g	Absent	Absent
7	Anaerobic Spore Count/g(Max)	Absent	Absent
8	Listeria Monocytogens/g(Max)	Absent	Absent
9	Spore Count Aerobic/g(Max)	100	Nil
10	Spore Count Anaerobic/g(Max)	10	Nil