



**SKIMMED MILK POWDER SPECIFICATIONS
(Low Heat Treated)**

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Skimmed Milk Powder, produced from high quality skimmed cow's milk by spray drying.

Sensory Properties	Taste and Smell	Its unique flavor, aroma.
	Appearance and Color structure	:Cream, light yellow. : Homogeneous appearance, without soil structure and does not contain preservatives or colorants, or any other additives.

Physical and Chemical Properties	Specifications	Typical Value	Metod	Reference		
	Moisture Content	max 4%	2,8%	IDF Standart26:1964	Gravimetrik Oven 103 ± 2°C	
Fat Content	max 1,5%	0,22%	Gerber/Teichert Metot NADRG 1978	Gerber		
Protein (Fat-free dry matter)	min 35%	37,12%	IDF Standart20B:1993	Kjeldajl, Titration		
WPN Index	min 6.0	6.15	Bulletin 916	Kjeldah, Calculation		
Lactose	min 50%	51%	NADRG: 1978	Method of calculation		
Ash Content	max 8%	6,5%	IDF Standart90:1986	Muffle Furnaces 825 ± 25°C		
Acidity (in lactic acid)	max 0,18%	0,11%	ADMI: 1971	ADMI: 1971		
pH (%10 solution)	min 6,5%	6,75	TS 11860	pH meter		
Scorched Particles	max Disc B (15 mg)	Disc A	-----	ADMI Scorched Particle Standarts Charts For Dry Milks		
Density,kg / lt	min 0,5%	0.58	NADRG: 1978	Volumetric Gravimetric		
Solubility Index	min %99	99,8	Santrifüj	TS1329		
	n	c	m	M	Metod	Reference

Microbiological Properties	Specifications	Typical Value	Metod	Reference
	Yeast and Mold	5 2 <10	10	Pitt & Hocking 1997 (86)
S.aureus(4)	5 2 10	10 ²	Anon. 1998(38)	Braid-Parker Agar 37°C de 48 Saat
Salmonella spp.	5 0	0 / 25g-mL	ISO:6579	37°C de 24 saat
Total mesophilic aerobic microorganism kob./g	5 2 <10000		TS 1019	Plate Count Agar 30° C de 48 Saat
L.monocytogenes	5 0	0/25 g-mL	ISO:11290	Fraser Broth 35-37° C de 48 Saat
E.coli	5 0	0/25 g-mL	FDA:1998	Fluorocult VRB Agar 37° C de 24 Saat
Staph. enterotoxin mg/kg		Not found	Elisa	Elisa
Aflatoxins M1 mg/kg	max 0.0005	max 0.0005	No	Elisa
Enterobacter kob./g	5 0	<10	FDA 1998	Fluorocult VRB Agar 37° C de 24 Saat

Description = n: number of samples, c: m and M are allowed to limit the number of samples with a value of

Packaging and Use Cautions	Products are filled in moisture and air proof polyethylene bags to avoid any undesirable contamination. This bags are placed in a 3 layer kraft paper bags for more protection. (495 x 940 x 1400 mm). Weight of bags are 25 Kgs.Products which does not have company name and adresses , production and expiration date are not acceptable as our product.
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Storage Conditions	Keep in a cool and dry place
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Shelf Life	May remain fresh till expiration date if the package not opened.
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Quality Managemet & Certificates	Quality Systems Policy compliance with ISO 22000:2005, ISO 9001:2008, ISO 18001:2007, ISO 14001:2004 and Our product have met HALAL PRODUCTS requirements in accordance with Islam
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export@solextrade.com
www.solextrade.com