



Skimmed Milk Preparation: SMP - 3309

Description: This is an US origin food-grade skimmed milk preparation made from pasteurized milk and standardized to conform to the standards of the product. SMP-3309 is an excellent dairy protein source for making food products such as infant formula, processed cheese, ice-cream, cheese powder, bakeries, nutritional products, etc. and made to conform and complies with FDA's Good Manufacturing Practices in 21CFR§110.

ANALYSIS	Typical Results	Max / min as noted
Moisture* (vacuum)	3.56 %	≤ 4 %
Butterfat* (ether extraction)	0.79 %	≤ 1.25 %
Protein (N x 6.38)	34.1%	≥ 33%
Lactose	52.8%	49 - 55%
Titratable Acidity*	0.12 %	≤ 0.15 %
Ash	8.0%	≤ 8.6 %
Antibiotic Residue	Negative	Negative
Bacterial estimates* (SPC)	1,000 cfu/g	≤ 30,000 cfu/g
Coliforms* / g	Negative	≤ 10
Salmonella* (2x375g composite)	Negative	Negative
Staph c ⁺ (1x/shift individual plates)	Negative	Negative
Scorched Particles*	Disk A (7.5 mg)	≤ Disk B (15mg)
Solubility Index	0.10 ml	≤ 1.2 ml
Whey Protein Nitrogen (WPN)	5 mg/g	≥ 4 mg/g
pH (10% solids basis)	6.2 – 6.8	≥ 5.5
Appearance	White to light cream, free-flowing and free of lumps that do not break up under slight pressure, practically free of dark particles.	
Flavor	Pleasing dairy milk flavor, non off-flavor.	
Shelf life	1 year when shipped and stored at ambient temperatures not exceeding 100 °F.	
Labeling (Information printed/stamped on 25kg bags x 40/pallet): Skimmed Milk Prep (SMP-3309), Net weight, 4-digit State plant ID number, Year-Month-Day (production date), lot letter/number, and expiring data (Year-Month-Day). Manufactured by: Dairy Farmers of America, Inc. Distributed by: Interface Protein Technology, Inc.		

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