



United Dairymen of Arizona

2008 S. Hardy Dr. Tempe, AZ 85282

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www.uda.coop

Grade A Medium Heat Condensed Skim Milk Specification

Description: Grade A Medium Heat Condensed Skim Milk is made from Grade A whole milk which has been separated, pasteurized, and condensed by the partial removal of water using minimal heat or by any other process which leads to a product of the same composition and characteristics.

Parameter	Analysis	Method
Appearance / Color	Light yellow liquid	Visual inspection
Flavor and Odor	Sweet, clean dairy product	Sensory evaluation
Fat (diluted to 9.0% TS)	≤.10%	FT-NIR/AOAC 989.05
Total Solids	29 to 37%	FT-NIR/AOAC 990.19
Titratable Acidity	<0.16 at 9.0% TS	SMEDP 15.021
Whey Protein Nitrogen (WPN)	1.5 to 6.0 mg /g	SMEDP 15.134
Antibiotics	Negative	Charm SL3
Receiving Temperature	45°F maximum	NIST
Standard Plate Count (SPC)	<20,000 / ml	SMEDP 6.020
Coliforms	<100 / ml	SMEDP 7.020

Packaging: Shipping vessel shall meet all appropriate federal, state, and local regulations.

Storage: ≤45°F for ≤72 hours

SPEC-0008

Reviewed/Approved: Heidi Myers, VP of Quality & Food Safety

Heidi Myers January 21, 2021

Revised: January 10, 2018
Supersedes: December 5, 2014