



# United Dairymen of Arizona

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Thank you for your interest in our products.

Please contact [sales.interest@udaz.org](mailto:sales.interest@udaz.org) for further information and pricing.

## Low Heat Skim Milk Powder Specification

Low Heat Skim Milk Powder is the powder resulting from the removal of the fat and water from fresh milk from cows. It is made from fresh, pasteurized nonfat milk to which no preservative, alkali, neutralizing agent, or other chemical has been added. Milk proteins, milk permeate, or lactose may be added to standardize protein concentration. This product is made from 100% milk and manufactured in the USA.

### Chemistry Parameters

Protein (Dry Defatt. Basis)	≥ 34%
Moisture	≤ 4.00%
Fat	≤ 1.25%
Titratable Acidity	≤ 0.15%
Scorched Particles	7.5 to 15 mg
Solubility Index	≤ 1.00 ml
Whey Protein Nitrogen	≥ 6.00 mg
Nitrate	≤ 50 mg/Kg
Antibiotic Residues	Negative

### Analysis

### Method

FT-NIR/AOAC 991.20
FT-NIR/ADPI
FT-NIR/AOAC 989.05
SMEDP 15.021
ADPI (Disc A or B)
SMEDP 15.171
SMEDP 15.134
EMD
Charm SL3

### Allergen

Milk (Bovine)

### Regulatory Compliance

CODEX ✓	Gluten Free ✓
GFSI (SQF) ✓	Vegetarian ✓
Halal ✓	Kosher ✓

### Storage

Product should be stored in a cool (≤25°C), dry (≤RH 65%) place protected from foreign odors & other contaminants.

### Shelf Life

Under proper storage conditions, the shelf life of this product is 24 months.

### Packaging

25kg (net weight) Multiwall kraft bags with polyethylene inner liner or another approved closed container, palletized on Heat Treated pallets.

### Microbiological Parameters

Standard Plate Count	≤ 10,000 cfu/g	SMEDP 6.020
Coliforms	< 10 cfu/g	SMEDP 7.020
Salmonella	Negative/375g	ANSR/AOAC 2013.14
Staphylococcus aureus	Negative	AOAC 2003.08
Enterobacteriaceae	< 10 cfu/g	SMEDP 7.090
Yeast and Mold	< 50 cfu/g	SMEDP 8.110

### Nutritional Proximates (per 100g)

Calories	362kcal	Vitamin A	22 IU
Protein	36.2g	Vitamin C	6.8 mg
Total Fat	0.77g	Vitamin D	11µg
Water	3.16g	Calcium	1257mg
Carbohydrates	51.98g	Iron	0.32mg
Dietary Fiber	0g	Sodium	535mg
Ash	7.93	Cholesterol	20mg

### Sensory & Physical Standards

Appearance/Color	Powder, free of lumps/White to light cream
Flavor/Odor	Clean, bland, sweet/Fresh, no off odors

### Spec - 0030 SL25

Reviewed: Dave Kedzierski  
VP of Food Safety & Quality

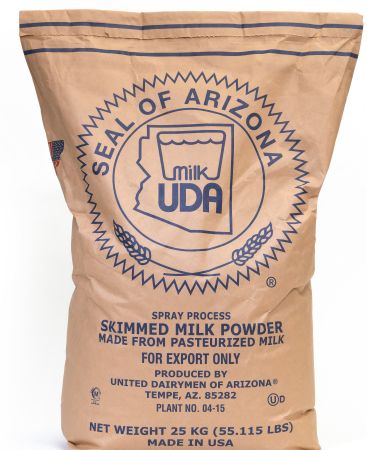
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SS. 01/31/2022

SS. = Supersedes



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