

Product Specification

Low Heat Nonfat Dry Milk - PC6701



Description

Spray dried Low Heat Nonfat Dry Milk is the powder resulting from the removal of the fat and water from fresh milk. It shall contain the lactose, milk proteins and milk minerals in the same relative proportions as they occur in fresh milk. The product shall be made from fresh, sweet milk to which no preservative, alkali, neutralizing agent or other chemical has been added and which has been pasteurized. This powder cannot be used in a USDA approved plant or product.

Ingredient	Allergen Statement	Regulatory Reference
Milk	Contains milk	21 CFR 131.125

Microbiological Standards

	Units	Maximum	Method
Aerobic Plate Count	cfu/g	<10,000	Petrifilm
Coliform	cfu/g	<10	Petrifilm
Salmonella	750 g	Not Detected	FDA-BAM

Chemical and Physical Standards

	Units	Min	Max	Method
Protein (Typical analysis)	% as is	34	37	Kjeldahl/NIR
Moisture	%		4.0	IDF/NIR
Fat	%		1.25	IDF/NIR
Scorched Particles	mg		15 (B)	ADPI
Titrateable Acidity	%		0.15	ADPI
Solubility Index	ml		1.2	ADPI
WPNI—Low Heat	mg	6.0		SMEDP

Antibiotics

All raw milk used in the manufacture of products has been screened and tested “Not Found” for drug residue according to the FDA Pasteurized Milk Ordinance (PMO) - Appendix “N” (latest revision)

Sensory Standards

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

Quality Assurance

Products are manufactured under strict quality assurance procedures which are enforced at all times. Manufacturing plants are subject to rules and regulations of the United States Food and Drug Administration (FDA) and the Department of Food and Agriculture (DFA). Precautions are taken at all steps during manufacture, storage, and distribution to ensure product quality and food safety.

Labeling and Traceability

Packaging contains sufficient details to provide full product traceability. Manufacturers lot code details can be found on DairyAmerica website (www.dairyamerica.com/cooperative).

Storage and Handling

Product is packaged in approved poly lined multiwall 25kg (net weight) kraft paper bags without the use of staples or metal fasteners. Milk Powder is Hygroscopic and can absorb odors, therefore adequate protection is necessary. It is recommended that product is stored at 80°F or less, with relative humidity of 65% or less, and in an odor free environment. Stocks should be used in rotation preferably within 12 months of manufacture or as dictated by the expiration date labeled on the product.