

GRADE A/EXTRA GRADE LOW HEAT NONFAT DRY MILK

DESCRIPTION:

Grade A/Extra Grade Low Heat NFDM is spray dried nonfat milk which has been subjected to a low heat treatment. It contains the lactose, milk proteins and milk minerals in the same relative proportions as they occur in fresh milk. It is made from fresh, pasteurized nonfat milk to which no preservative, alkali, neutralizing agent or other chemical has been added. DairyAmerica's Low Heat NFDM is commonly used in the manufacture of: cheese, cottage cheese, buttermilk, frozen desserts, margarine, soups, puddings, cultured products and beverages.

TYPICAL ANALYSIS:

Protein: (N x 6.38)%	33.0%±2
Lactose:	51.0%
Fat:	1.25% Maximum
Moisture:	4.0% Maximum
Ash:	8.2% Maximum
WPN:	6.0 mg/g Minimum
Titratable Acidity:	0.15% Maximum
Antibiotic Residues:	Negative

MICROBIOLOGICAL STANDARDS:

Standard Plate Count:	10,000/g Maximum
Coliform:	<10/g
Salmonella:	Negative

PHYSICAL PROPERTIES:

Scorched Particles:	Disc B (15.0 mg) Maximum
Solubility Index:	1.25 ml. Maximum

PACKAGING:

Multivall kraft bags with polyethylene inner liner or other approved closed container, i.e. "tote bags", etc.

Nutrient Information

The nutrients found in 100 grams of product are as follows:

Protein (N x 6.38)	34 g
Lactose	51 g
Fat	0.8 g
Water	4.0 g max
Ash	8.0 g
Calories	359 K cal

Minerals:


Calcium	1248 mg
Iron	0.4 mg
Magnesium	110 mg
Phosphorus	993 mg
Potassium	1674 mg
Sodium	494 mg
Zinc	4.08 mg

Vitamins:

Vitamin C	8.0 mg
Thiamin	0.415 mg
Riboflavin	1.8 mg
Niacin	0.951 mg
Pantothenic acid	3.568 mg
Vitamin B6	0.361 mg
Folacin	50 mcg
Vitamin B12	4.033 mcg
Vitamin A	30 IU
	6.7 RE

Lipids:

Fatty Acids:	
Saturated, total	0.50 g
Monounsaturated, total	0.20 g
Polyunsaturated, total	0.03 g
Cholesterol	25 mg
Calories from Fat	6.5 K cal



DairyAmerica™



Dairy for life

Skimmilk Powder

Regular Low Heat

PB.744 LH (SS)

Version 1.0511

UNRESTRICTED

Chemical

	Units	Min	Max
Protein (N x 6.38) As is	% m/m	32.4	36.7
Protein SNF Basis	% m/m	34.0	
Moisture	%m/m		4.0
Fat	% m/m		1.25
Titrateable Acidity	% m/v		0.15
WPNI	mg/g	6.0	

Microbiological

	Units	Min	Max
Aerobic Plate Count	cfu/g		10000
Coliforms	/g		No Detected
E.coli	/g		Not Detected
Yeast & mould	cfu/g		50
Staph. Coag. Pos	/g		Not Detected
Salmonella	/750g		Absent

Physical

	Units	Min	Max
Colour	Typical/Atypical	Typical	
Foreign matter	/25g		Not Detected
Insolubility Index	ml		1.0
Scorched particles	/25g		B

Sensory

	Units	Min	Max
Flavour	Typical/Atypical	Typical	

Other

- Meets Codex standards for Lead
- Meets Codex standards for Heavy metals
- Meets Codex standards and FDA/EPA limits for Pesticides
- Meets FDA requirements for Phosphatase
- Meets FDA and NZFSA requirements for Inhibitory substances