



rBST Hormone Free Nonfat Dry Milk

Production Definition:

Hormone Free Nonfat Dry Milk is obtained by the removal of water from pasteurized skim milk. It contains not more than 5% moisture (by weight) and not more than 1.5% milkfat (by weight) unless otherwise indicated. Hormone Free Nonfat Dry Milk for human consumption complies with all provisions of the U.S. Federal Food, Drug, and Cosmetic Act.

Typical Compositional Range (Percentage)¹

Protein	35.0 – 37.0
Lactose.....	50.0 – 52.0
Fat ²	0.6 – 1.25
Ash.....	7.5 – 8.5
Moisture ²	3.5 – 4.5

Microbiological Analysis

Standard Plate Counts ²	<10,000/g
Coliform ²	<10/g
Salmonella.....	negative

Other Characteristics

Scorched Particle Content ²	7.5 – 15.0 mg
Solubility Index ²	<1.0 ml
Titrateable Acidity ²	< 0.15%
Color ²	White to light cream/natural color
Flavor ²	Clean and pleasing

Ingredient Statement

“rBST Free Nonfat Dry Milk” (_____ % milkfat) if the fat content is over 1.5%

Production Applications and Functionality

Hormone Free Fluid milk fortification, Hormone Free cottage cheese, Hormone Free cultured skim milk, Hormone free starter culture, Hormone Free chocolate dairy drinks, Hormone Free ice cream

Storage & Shipping

Product should be stored and shipped in a cool, dry environment with temperatures below 80°F and relative humidity below 65%. Stocks should be rotated and utilized within 1 to 1.5 years

Packaging

Multiwall kraft bags with polyethylene inner liner or other approved closed container. (i.e. “tote bins,” etc)

¹ On an “as is” basis

² Optional tests (7 CFR §58.2608)

The information contained herein is, to the best of our knowledge, correct. No warranties, expressed or implied, are made. This information is offered solely for your investigation, verification, and consideration. It is suggested that you evaluate the product prior to use in production.