

Grade A Buttermilk Powder Specification

Grade A Buttermilk Powder is a dried milk product that has been manufactured from buttermilk produced during the churning of sweet cream into butter to which no preservative, alkali, neutralizing agent, or other chemical has been added. Due to its unique flavor, buttermilk powder is a favorite ingredient for prepared mixes, frozen desserts, and baked goods. This product is made from 100% buttermilk and manufactured in the USA.

<i>Chemistry Parameters</i>	<i>Analysis</i>	<i>Method</i>	<i>Allergen</i>
Protein	≥ 30.00	FT-NIR/AOAC	Milk (Bovine)
Moisture	≤ 4.00%	991.20 FT-	
Fat	≥ 4.50%	NIR/ADPI	
Titratable Acidity	≤ 0.18%	FT-NIR/AOAC	
Scorched Particles	7.5 to 15 mg	989.05	
Solubility Index	≤ 1.25%	SMEDP 15.021	
Whey Protein Nitrogen	As is	ADPI (Disc A or B)	
Antibiotic Residues	Negative	SMEDP 15.171 SMEDP 15.134 Charm SL3	
<i>Microbiological Parameters</i>			<i>Regulatory Compliance</i>
Standard Plate Count	≤ 20,000 cfu/g	SMEDP 6.020	CODEX ✓
Coliforms	< 10 cfu/g	SMEDP 7.020	GFSI (SQF) ✓
Salmonella	Negative/375g	ANSR/AOAC 2013.14	Halal ✓
<i>Nutritional Proximates (per 100g)</i>			Gluten Free ✓
Calories	387kcal	Vitamin A 175IU	Vegetarian ✓
Protein	34.3g	Vitamin C 5.7mg	Kosher ✓
Total Fat	5.78g	Vitamin D 0.5µg	
Water	2.97g	Calcium 1180mg	
Carbohydrates	49g	Iron 0.3mg	
Dietary Fiber	0g	Sodium 517mg	
Ash	7.95g	Cholesterol 69mg	
<i>Sensory & Physical Standards</i>			<i>Storage</i>
Appearance / Color	Powder, free of lumps / White to light cream		
Flavor / Odor	Clean, bland, sweet / Fresh, no off odors		
			<i>Shelf Life</i>
			Under proper storage conditions, the shelf life of this product is 12 months.
			<i>Packaging</i>
			25kg (net weight) Multiwall kraft bags with polyethylene inner liner or another approved closed container, palletized on HT pallets.

SPEC - 0005 BX25

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Reviewed: Dave Kedzierski

SS. 02/02/2022

SVP, Business Transformation

SS. = Supersedes