



## EDIBLE LACTOSE – (BelGioioso)

### Product Definition

Lactose – 60 mesh. Food Grade

### Chemical Analysis

	<u>Typical</u>	<u>Specification</u>	<u>Methodology</u>
Lactose (as monohydrate)	99.5%	99.0% min	By Difference
pH	---	5.0-7.0	Combination Electrode
Moisture	5.1%	5.2% max	Vacuum Oven
Ash	0.2%	0.3% max	AOAC
Scorched Particles	A pad	7.5mg/25g	ADPI

### Microbiological Standards

Total Aerobic Count	<1,000/g	5,000/g max	Petrifilm Aerobic Count
Salmonella	Negative	Negative/25g	AOAC
Coliform	<10/g	10/g max	Petrifilm Coliform Count
Yeast and Mold	<10/g	<50/g max	Petrifilm Yeast & Mold Count

### Particle Size

Passing #60 screen	100.0%	100.0%
Passing #100 screen	>80.0%	80.0% min

### Nutritional Information (mean/100g)

Calories	376.0	Sugars	94.0%
Calories from fat	2.0	Total Carbohydrate	94.0g
Total fat	<0.3g	Protein	<0.3g
Saturated fat	0.00	Heavy Metals	<5.0 ppm

### Physical Characteristics

Appearance: White powder  
 Flavor and Odor: Clean, sweet flavor, no off odor

**Packaging and Storage:** Available in 50lb, 25kg bags or 2,000 pound totes. Product is recommended to be stored in a clean environment at no more than 80°F (27°C) & relative humidity under 75% for maximum shelf life.