

Standard Lactose Specification – 100 Mesh

Lactose is the primary carbohydrate found in mammal's milk and is often referred to as milk sugar. It is manufactured using a crystallization, purification, and drying process operated under strict food hygiene standards. This Edible Grade Lactose is manufactured in the USA.

<i>Chemistry Parameters</i>	<i>Analysis</i>	<i>Method</i>	<i>Allergen</i>	Milk (Bovine)		
Protein	≤ 0.15%	FT-NIR/AOAC 991.20	Regulatory Compliance CODEX Gluten Free GFSI (SQF) Vegetarian Halal Kosher			
Moisture	≤ 6.0%	AOAC 925.45				
Scorched Particles	7.5 mg	ADPI (Disc A)				
pH	4.5-7.5	SMEDP 15.022 SMEDP				
Ash	≤ 0.30%	15.041 Calculation				
Lactose	≥ 99.0%	USP				
Bulk Density	≤ 1.0 g/ml	Charm SL3				
Antibiotic Residues	Negative					
Microbiological Parameters					Storage The product should be stored in a cool (≤25°C), dry (≤RH 65%) place protected from foreign odors & other contaminants.	
Standard Plate Count	≤ 5,000 cfu/g					
Coliforms	< 10 cfu/g	SMEDP 6.020				
Salmonella	Negative/375g	SMEDP 7.020				
Listeria	Negative	AOAC 2013.14				
Staphylococcus aureus	Negative	AOAC 2013.14				
Enterobacteriaceae	< 10 cfu/g	AOAC 2003.08				
E. coli	< 10 cfu/g	SMEDP 7.090				
Yeast	≤ 50 cfu/g	SMEDP 7.074				
Mold	≤ 50 cfu/g	SMEDP 8.115				
Nutritional Proximates (per 100g)			Shelf Life Under proper storage conditions, the shelf life of this product is 24 months.			
Calories	399kcal	Vitamin A			<25.00IU	
Protein	0.31g	Vitamin C			<1.00mg	
Total Fat	0.03g	Vitamin D			<6IU	
Water	0.07g	Calcium			47.33mg	
Carbohydrates	99.41g	Iron			0.06mg	
Dietary Fiber	0.53g	Sodium			7.44mg	
Ash	0.17g	Cholesterol			<1.00mg	
Sensory & Physical Standards					Packaging 25kg (net weight) Multiwall kraft bags with polyethylene inner liner or another approved closed container, palletized on Heat Treated pallets.	
	No off odors					
Aroma	No off flavors					
Flavor	White					
Color	100					
Mesh						
SPEC – 0012 LACEG	Rev. 10/20/2022					
Reviewed: Dave Kedzierski	SS. 07/27/2022					
SVP, Business Transformation	SS. = <i>Supersedes</i>					