



Lactose

Product Description

Food grade **Lactose** is produced from fresh whey by crystallizing an oversaturated solution of whey or permeate and drying into a powder. Special processes of crystallization, as well as grinding and fractional sifting, produce lactose in particle distribution.

Qualities & Characteristics

- Free flowing powder
- White to off-white color
- Allows for a natural clean label
- Slightly sweet taste
- Clean taste without aftertaste

Suggested Uses

Infant formula	A modifier of cow's milk to match breast milk's carbohydrate/protein balance.
Meat & Sausage	A carbohydrate source in fermentation and masking aid of phosphate produced after tastes.
Confectionery & Baked Goods	A flavor and aroma carrier.
Dried Milk	A free-flowing agent.
Salad Dressing, Soups, Sauces	A flavor and color enhancer.
Baked Goods, Microwavable foods	A Browning agent.
Confectionery	Improves body texture chewiness & shelf life.

MiLK is Our Business...

402 Industrial Drive
Wapakoneta, OH 45895
(419) 738-5293
(419) 738-6883-FAX

1 888 LACTALIS
(1 888 522-8254)
www.liusa.com
sales@liusa.com

U.S. West Coast, Mexico,
and South America
(909) 548-0106
(909) 548-0401-FAX

Physical & Chemical Specifications

a-Monohydrate	99.0%-99.5%
Moisture	0.3% max
Fat	N/A
Protein	N/A
Ash	0.3-0.6%
pH (10% Solution)	5.6-6.3
Particle Size	60% retained on 80 mesh screen
Scorched particle	A-Disc (15 Mg)
Color	White to Off-white
Flavor	Bland to slightly sweet
Coag. Pos. Staphylococcus	10/grams
Growth Inhibitor/Drug Residue	Negative
Pesticide	Negative

Microbiological Specifications

Standard Plate Count	10,000/grams maximum
Coliforms	10/grams
Yeast & Molds	<100/grams maximum
Listeria	Negative
Salmonella	Negative
Coag. Pos. Staphylococcus Listeria	10/grams
E. Coli	Negative

Packaging

Packaged in 50 pound multiwall paper bags with inner polyethylene liners.

Storage & Shelf Life

For maximum shelf life, dry store away from odors at no more 30°C (86°F).

IMPORTANT NOTICE

Our contractual liability consists in supplying goods complying with the above-mentioned specifications, or with the specific customer's requirements. In case of failure to those specifications, acknowledged by us and notified us in due time, our warrant will be limited to the replacement of the faulty product. Our commitment cannot bind us in case of wrong utilization of our product. The buyer must follow the rules applied in the country where the product is used.