

Certificate of Analysis

Product Name	Lactose	Mfg. Date	2022.07.29
Batch No.	KN220729	Testing Date	2022.08.03
Batch Quantity	2500kg	Exp. Date	2024.07.28

Items	Specifications	Results
Lactose purity	99-100%	99.68%
Appearance	White to pale yellow crystalline powder	Complies
Mesh size	85%-100% pass 200 mesh	99%
Ash	≤0.3%	0.13%
pH	4.5-7.0	5.36
Moisture	≤0.3%	0.13%
Protein	≤0.3%	0.06%
Water activity	≤0.4%	0.29%
Loss on drying	≤0.3%	0.2%
Heavy metals		
Pb	≤1ppm	<1ppm
As	≤2ppm	<2ppm
Hg	≤1ppm	<1ppm
Microbiological control		
Total plate count	≤2500cfu/g	<250cfu/g
Yeast&Mold	≤100cfu/g	<50cfu/g
E.Coli	≤10cfu/g	<10cfu/g
Coliform	≤10cfu/g	<10cfu/g
Salmonella	Negative	Not detected
Staphylococcus	≤10cfu/g	<10cfu/g
Bacillus cereus	≤100cfu/g	<10cfu/g
Listeria Genus/25g	Negative	Not detected
Conclusion:	The product complies with enterprise standard.	

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