



## Certificate of Analysis

### Lactose Monohydrate

**Catalog Number:** LA1009  
**Lot Number:** 1031803  
**CAS Number:** 64044-51-5  
**Molecular Formula:**  $C_{12}H_{22}O_{11} \cdot H_2O$   
**Molecular Weight:** 360.32  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** August 24, 2018  
**Retest Date:** August 23, 2019

Test	Specification	Result
Appearance	White powder	Conforms
Moisture (LOD)	≤ 5.5%	5.14%
Ash (Minerals)	≤ 0.3%	0.07%
Protein	≤ 0.6%	0.27%
Clarity & Turbidity	Clear	Conforms
Particle Size (40mesh)	≤ 2.00%	
Standard Plate Count	≤ 14,999cfu/g	< 10cfu/g
Coliform	≤ 9cfu/g	< 5cfu/g
Total Mold & Yeast	Report	< 10cfu/g
Salmonella	Negative	Negative

Approved by:

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Date: November 16, 2018