

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-24 14:01:03
Date of Next Testing: 2029-02-23 14:01:03
Product Name: **Lactosum , anhydrous**
CAS Number: 63-42-3
Specifications & Purity: AR, ≥98%
Lot #: B2512314
SKU #: **L103492**
Version: **0**
Analysis #: **454893**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.86900 %
Water by Karl Fischer	0-1 (%)	0.32 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(calcd.on anh.substance)	54.4-59.9 (°)	54.41°
Appearance (L103492)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager