

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-14 13:49:01
 Date of Next Testing: 2030-01-13 13:49:01
 Product Name: **Lactosum , anhydrous**
 CAS Number: 63-42-3
 Specifications & Purity: AR, ≥98%
 Lot #: A2608432
 SKU #: **L103492**
 Version: **0**
 Analysis #: **623613**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.98500 %
Water by Karl Fischer	0-1 (%)	0.69860 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	54.4-59.9 (°)	54.41000 °
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