

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-09 14:55:22
 Date of Next Testing: 2028-11-08 14:55:22
 Product Name: **Lactosum , anhydrous**
 CAS Number: 63-42-3
 Specifications & Purity: AR, ≥98%
 Lot #: J2431409
 SKU # **L103492**
 Version **0**
 Analysis #: **423399**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76900 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)(calcd.on anh.substance)	54.4-59.9 (°)	54.41000 °
Water by Karl Fischer	0-1 (%)	0.98600 %
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