

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-05 16:58:01  
Date of Next Testing: 2027-05-04 16:58:01  
Product Name: **Lactosum , anhydrous**  
CAS Number: 63-42-3  
Specifications & Purity: Analytical Reagent,98%  
Lot #: D2328303  
SKU #: **L103492**  
**Analysis:** **201750**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.65600 %
Water by Karl Fischer	0-1 (%)	0.37 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)(calcd.on anh.substance)	54.4-59.9 (°)	55.11 °
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 <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager