

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-01 16:23:47  
Date of Next Testing: 2028-06-30 16:23:47  
Product Name: **Lactosum , anhydrous**  
CAS Number: 63-42-3  
Specifications & Purity: Analytical Reagent,98%  
Lot #: F2426299  
SKU #: **L103492**  
Version: **0**  
Analysis #: **364166**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.45400 %
Water by Karl Fischer	0-1 (%)	0.51 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)(calcd.on anh.substance)	54.4-59.9 (°)	54.45°
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