

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-29 09:30:31
Date of Next Testing: 2028-06-28 09:30:31
Product Name: **Lactosum , anhydrous**
CAS Number: 63-42-3
Specifications & Purity: Analytical Reagent,98%
Lot #: F2426298
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 $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{calcd.on anh.substance})$	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 ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager