

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-20 10:12:26
Date of Next Testing: 2028-03-19 10:12:26
Product Name: **Lactosum , anhydrous**
CAS Number: 63-42-3
Specifications & Purity: Analytical Reagent,98%
Lot #: C2413236
SKU #: **L103492**
Analysis: **325385**
Storage Temperature: Store at 2-8°C,Argon charged

| Parameter | Limit Values | Result |
|---|--|--|
| Purity(HPLC) | 98-100 (%) | 99.78800 % |
| Water by Karl Fischer | 0-1 (%) | 0.39 % |
| Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(calcd.on anh.substance) | 54.4-59.9 (°) | 54.41 ° |
| Appearance (L103492) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in H ₂ O | Almost transparency | almost transparency |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager