

Certificate of Analysis

Date of Testing: 2023-05-08 17:30:01
Date of Next Testing: 2027-05-07 17:30:01
Product Name: **Lactosum , anhydrous**
CAS Number: 63-42-3
Specifications & Purity: Analytical Reagent,98%
Lot #: D2328302
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] ₂₀ /D(c=10 in H ₂ 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 ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager