

Certificate of Analysis

Date of Testing: 2024-03-20 10:54:34
Date of Next Testing: 2028-03-19 10:54:34
Product Name: **Lactosum , anhydrous**
CAS Number: 63-42-3
Specifications & Purity: Analytical Reagent,98%
Lot #: C2413235
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 $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{calcd. on anh.substance})$	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