

Certificate of Analysis

Date of Testing: 2024-11-09 14:11:28

Date of Next Testing: 2028-11-08 14:11:28

Product Name: **Lactosum , anhydrous**

CAS Number: 63-42-3

Specifications & Purity: AR, ≥98%

Lot #: J2431406

SKU # **L103492**

Version **0**

Analysis #: **423399**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76900 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)(calcd.on anh.substance)	54.4-59.9 (°)	54.41 °
Water by Karl Fischer	0-1 (%)	0.99 %
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