

Certificate of Analysis

Date of Testing: 2023-12-07 11:29:31
Date of Next Testing: 2027-12-06 11:29:31
Product Name: **Lactosum , anhydrous**
CAS Number: 63-42-3
Specifications & Purity: reagent grade,98%
Lot #: L2305172
SKU #: **L103492**
Analysis: **302007**
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.65600 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(calcd.on anh.substance)	54.4-59.9 (°)	55.11°
Water by Karl Fischer	0-1 (%)	0.37 %
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