

Certificate of Analysis

Date of Testing: 2025-06-13 09:14:52

Date of Next Testing: 2027-06-03 09:14:52

Product Name: **D(+)-Raffinose pentahydrate**

CAS Number: 17629-30-0

Specifications & Purity: analytical standard

Lot #: L2110323

SKU #: **R111689**

Version: **1**

Analysis #: **522859**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	100-110 (°)	100.20 °
Purity(HPLC)	99.5-100 (%)	99.70000 %
Water by Karl Fischer	14-16 (%)	14.10 %
Appearance (R111689)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager