

Certificate of Analysis

Date of Testing: 2022-02-22 16:40:46
Date of Next Testing: 2024-02-12 16:40:46
Product Name: **D(+)-Raffinose pentahydrate**
CAS Number: 17629-30-0
Specifications & Purity: analytical standard
Lot #: F1825157
SKU #: **R111689**
Analysis: **076688**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=10 in H ₂ O)	100-110 (°)	100.50 °
Purity(HPLC)	99.5-100 (%)	99.94600 %
Water by Karl Fischer	14-16 (%)	14.75 %
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