

Certificate of Analysis

Date of Testing: 2025-05-07 14:50:12
Date of Next Testing: 2029-05-06 14:50:12
Product Name: **1-Kestose**
CAS Number: 470-69-9
Specifications & Purity: $\geq 98\%$
Lot #: D2527203
SKU #: **K736437**
Version: **1**
Analysis #: **507478**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.62 %
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	27-32 ($^{\circ}$)	27.04 $^{\circ}$
Appearance(K736437)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager