

## Certificate of Analysis

Date of Testing: 2025-05-07 14:48:52  
Date of Next Testing: 2029-05-06 14:48:52  
Product Name: **1-Kestose**  
CAS Number: 470-69-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: D2527201  
SKU #: **K736437**  
Version: **1**  
Analysis #: **507478**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , 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 <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager