

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 10:56:36
 Date of Next Testing: 2027-02-28 10:56:36
 Product Name: **1-Kestose**
 CAS Number: 470-69-9
 Specifications & Purity: $\geq 99\%$
 Lot #: B2321817
 SKU #: **K157729**
 Version: **1**
 Analysis #: **176935**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}$	27-32 ($^{\circ}$)	27.10000 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.11000 %
Appearance (K157729)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H ₂ O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager