

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-22 09:55:41

Date of Next Testing: 2028-02-21 09:55:41

Product Name: **1-Kestose**

CAS Number: 470-69-9

Specifications & Purity: $\geq 99\%$

Lot #: B2419355

SKU #: **K157729**

Version: **1**

Analysis #: **318038**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	27-32 (°)	27.79800°
Purity(HPLC)	99-100 (%)	99.11000%
Appearance (K157729)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager