

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-13 13:56:17  
Date of Next Testing: 2026-09-12 13:56:17  
Product Name: **2-O- $\alpha$ -D-Glucopyranosyl-L-ascorbic Acid**  
CAS Number: 129499-78-1  
Specifications & Purity: >98.0%(HPLC)  
Lot #: K1807081  
SKU #: **O160006**  
**Analysis: 133880**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10600 %
Specific Rotation [a] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	188-198 (°)	191.30 °
Appearance (O160006)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager