

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-13 13:27:34
 Date of Next Testing: 2028-06-12 13:27:34
 Product Name: **D-(+)-Talose**
 CAS Number: 2595-98-4
 Specifications & Purity: $\geq 98\%$
 Lot #: F2411329
 SKU #: **D115338**
 Version: **0**
 Analysis #: **354686**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.85100 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	20-23 (°)	22.98600 °
Appearance (D115338)	white crystalline powder	white crystalline powder
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager