

Certificate of Analysis

Date of Testing: 2024-02-20 11:04:35

Date of Next Testing: 2028-02-19 11:04:35

Product Name: **D-(+)-Talose**

CAS Number: 2595-98-4

Specifications & Purity: $\geq 98.0\%$

Lot #: B2418194

SKU # **D115338**

Analysis: **315945**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.57500 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	20-23 (°)	22.87°
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



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QA & QC Manager