

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-16 10:19:51

Date of Next Testing: 2029-12-15 10:19:51

Product Name: **D(-)-lyxose**

CAS Number: 1114-34-7

Specifications & Purity: $\geq 99\%$

Lot #: C2209671

SKU #: **L105522**

Version: **2**

Analysis #: **620554**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$ [included NH ₃ aq.(2+3)]	-16--12 (°)	-13.20°
Purity(HPLC)	98-100 (%)	99.45000 %
Appearance (L105522)	White or light yellow crystalline powder	White or light yellow crystalline powder
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager