

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-06 15:38:35
 Date of Next Testing: 2030-08-05 15:38:35
 Product Name: **D(-)-lyxose**
 CAS Number: 1114-34-7
 Specifications & Purity: $\geq 99\%$
 Lot #: K2208225
 SKU #: **L105522**
 Version: **2**
 Analysis #: **751449**
 Storage Temperature: Room 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 (°)	-14.14600 °
Purity (HPLC)	98-100 (%)	99.23700 %
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