

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-27 11:45:33
 Date of Next Testing: 2026-04-26 11:45:33
 Product Name: **DL-Xylose**
 CAS Number: 25990-60-7
 Specifications & Purity: $\geq 98\%$
 Lot #: F1825024
 SKU #: **X120940**
 Version: **0**
 Analysis #: **088107**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.19000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O}+\text{ammonia H}_2\text{O}(2+3)0.4\text{ml})$	-1-1 ($^{\circ}$)	-1.00000 $^{\circ}$
Appearance (X120940)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR ($^1\text{H-NMR}$)	complies	complies
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager