

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-16 11:01:32
 Date of Next Testing: 2027-06-15 11:01:32
 Product Name: **DL-Xylose**
 CAS Number: 25990-60-7
 Specifications & Purity: $\geq 98\%$
 Lot #: F2310652
 SKU #: **X120940**
 Version: **0**
 Analysis #: **227241**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
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 ($^{\circ}$)	-0.40500 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.90000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR (^1H -NMR)	complies	complies
Solubility in H ₂ O	Almost transparency	almost transparency
Appearance (X120940)	White to Off-White Powder to Crystals	White to Off-White Powder to Crystals



John Su
QA & QC Manager