

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-27 15:05:57
 Date of Next Testing: 2029-04-26 15:05:57
 Product Name: L-(-)-Xylose
 CAS Number: 609-06-3
 Specifications & Purity: Moligand™, ≥99%
 Lot #: D2523268
 SKU #: X115551
 Version: 0
 Analysis #: 495731
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.69900 %
Loss on drying	0-0.5 (%)	0.23378 %
loss on Ignition	0-0.1 (%)	0.05010 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	-21--18 (°)	-20.90000 °
Appearance (X115551)	white to off-white crystalline powder	white to off-white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless and clear (50mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager