

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-15 11:47:15
 Date of Next Testing: 2026-02-14 11:47:15
 Product Name: L-(-)-Xylose
 CAS Number: 609-06-3
 Specifications & Purity: Moligand™, ≥99%
 Lot #: B2210098
 SKU #: X115551
 Version: 0
 Analysis #: 075938
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Loss on drying	0-0.5 (%)	0.49000 %
loss on Ignition	0-0.1 (%)	0.09000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	-21--18 (°)	-20.00000 °
Appearance (X115551)	white to off-white crystalline powder	white to off-white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless and clear (50mg/ml)	pass	Pass



John Su
QA & QC Manager