

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-20 10:19:08
 Date of Next Testing: 2030-05-19 10:19:08
 Product Name: **D-(+)-Xylose**
 CAS Number: 58-86-6
 Specifications & Purity: Moligand™, ≥99%
 Lot #: E2609141
 SKU #: **X101012**
 Version: **0**
 Analysis #: **711288**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	146-158 (°C)	146.50000 °C
Purity(HPLC)	99-100 (%)	99.30000 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	19-21 (°)	19.20000 °
Appearance (X101012)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear Colorless, 50mg/ml, H ₂ O	pass	Pass



John Su
QA & QC Manager