

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-16 15:24:11  
Date of Next Testing: 2030-05-15 15:24:11  
Product Name: **D-(+)-Xylose**  
CAS Number: 58-86-6  
Specifications & Purity: Moligand™, ≥99%  
Lot #: E2611117  
SKU #: **X101012**  
Version: **0**  
Analysis #: **707461**  
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] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	19-21 (°)	19.20000 °
Appearance (X101012)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Clear Colorless, 50mg/ml, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager