

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-10 12:09:03
 Date of Next Testing: 2029-08-09 12:09:03
 Product Name: **D-(+)-Xylose**
 CAS Number: 58-86-6
 Specifications & Purity: Moligand™, ≥98%
 Lot #: H2506591
 SKU #: **X101009**
 Version: **0**
 Analysis #: **526039**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	146-153 (°C)	146.30000 °C
Purity(HPLC)	98-100 (%)	99.50000 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	19-21 (°)	19.20000 °
Appearance (X101009)	white powder	White powder
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager