

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-12 18:52:02

Date of Next Testing: 2030-03-11 18:52:02

Product Name: **D-(+)-Xylose**

CAS Number: 58-86-6

Grades & Purity: Moligand™, ≥98%

Lot #: C2603639

SKU #: **X101009**

Version: **0**

Analysis #: **661529**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.30000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	19-21 (°)	19.20000 °
Melting point	146-153 (°C)	146.50000 °C
Appearance (X101009)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass

John Su

John Su
QA & QC Manager