

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-12 10:39:17

Date of Next Testing: 2028-07-11 10:39:17

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

CAS Number: 58-86-6

Specifications & Purity: Moligand™, ≥99%

Lot #: G2409322

SKU #: **X101012**

Version: **0**

Analysis #: **379464**

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

Parameter	Limit Values	Result
Melting point	146-158 (°C)	155.77000 °C
Purity(HPLC)	99-100 (%)	99.93000 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	19-21 (°)	20.01200 °
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