

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-23 10:51:14
 Date of Next Testing: 2026-02-22 10:51:14
 Product Name: **D-(+)-Xylose**
 CAS Number: 58-86-6
 Specifications & Purity: Moligand™, ≥99%
 Lot #: B2218467
 SKU #: **X101012**
 Version: **0**
 Analysis #: **077343**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	146-158 (°C)	157.21000 °C
Purity(HPLC)	99-100 (%)	99.81300 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	19-21 (°)	20.09700 °
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