

Certificate of Analysis

Date of Testing: 2022-02-23 09:40:05

Date of Next Testing: 2026-02-22 09:40:05

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

CAS Number: 58-86-6

Specifications & Purity: $\geq 99\%$

Lot #: B2218585

SKU #: **X101012**

Analysis: 077343

Parameter	Limit Values	Result
Melting point	146-158 (°C)	157.21000 °C
Purity(HPLC)	99-100 (%)	99.81300 %
Specific Rotation [a] ₂₀ /D(c=10 in H ₂ O)	19-21 (°)	20.10°
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