

Certificate of Analysis

Date of Testing: 2024-12-21 14:25:27

Date of Next Testing: 2028-12-20 14:25:27

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

CAS Number: 58-86-6

Specifications & Purity: Moligand™, ≥98%

Lot #: L2416564

SKU #: **X101009**

Version: **0**

Analysis #: **450340**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	19-21 (°)	20.81°
Purity(HPLC)	98-100 (%)	99.87500 %
Melting point	146-153 (°C)	152.70000 °C
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