

Certificate of Analysis

Date of Testing: 2024-06-27 10:22:34

Date of Next Testing: 2028-06-26 10:22:34

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

CAS Number: 58-86-6

Specifications & Purity: 98%

Lot #: F2420245

SKU #: **X101009**

Version: **0**

Analysis #: **365468**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	19-21 (°)	20.08°
Purity(HPLC)	98-100 (%)	99.80100 %
Melting point	146-153 (°C)	151.20000 °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