

Certificate of Analysis

Date of Testing: 2023-02-25 15:36:36

Date of Next Testing: 2027-02-24 15:36:36

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

CAS Number: 58-86-6

Specifications & Purity: 98%

Lot #: B23211006

SKU #: **X101009**

Analysis: **153646**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	19-21 (°)	19.33°
Purity(HPLC)	98-100 (%)	99.25400 %
Melting point	146-153 (°C)	152.90000 °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