

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-19 14:24:48

Date of Next Testing: 2028-09-18 14:24:48

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

CAS Number: 58-86-6

Specifications & Purity: 98%

Lot #: I2414413

SKU #: **X101009**

Version: **0**

Analysis #: **404079**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	19-21 (°)	19.10°
Melting point	146-153 (°C)	149.20000 °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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager