

Certificate of Analysis

Date of Testing: 2024-04-03 16:38:16

Date of Next Testing: 2028-04-02 16:38:16

Product Name: **D-(-)-Arabinose**

CAS Number: 10323-20-3

Specifications & Purity: 98%

Lot #: C2429017

SKU #: **A111785**

Analysis: **329118**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	-105--102 (°)	-104.90 °
Melting point	153-165 (°C)	158.60000 °C
Purity(HPLC)	98-100 (%)	98.01000 %
Appearance (A111785)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager