

Certificate of Analysis

Date of Testing: 2024-05-08 09:40:50

Date of Next Testing: 2028-05-07 09:40:50

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

CAS Number: 10323-20-3

Specifications & Purity: 98%

Lot #: G2020187

SKU #: **A111785**

Analysis: **354525**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	-105--102 (°)	-102.00 °
Purity(HPLC)	98-100 (%)	99.90000 %
Melting point	153-165 (°C)	164.90000 °C
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

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

John Su
QA & QC Manager