

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-27 10:29:51
Date of Next Testing: 2030-01-26 10:29:51
Product Name: **D-(-)-Arabinose**
CAS Number: 10323-20-3
Specifications & Purity: $\geq 98\%$
Lot #: A2622108
SKU #: **A111785**
Version: **0**
Analysis #: **038237**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	-105--102 (°)	-102.01 °
Purity(HPLC)	98-100 (%)	99.96000 %
Melting point	153-165 (°C)	164.99000 °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



John Su
QA & QC Manager