

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 15:22:45
 Date of Next Testing: 2029-07-16 15:22:45
 Product Name: **D-(-)-Arabinose**
 CAS Number: 10323-20-3
 Specifications & Purity: $\geq 98\%$
 Lot #: I2117299
 SKU #: **A111785**
 Version: **0**
 Analysis #: **543198**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	-105--102 (°)	-102.01000 °
Purity(HPLC)	98-100 (%)	99.95800 %
Melting point	153-165 (°C)	164.98600 °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