

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-16 10:07:59
 Date of Next Testing: 2026-12-15 10:07:59
 Product Name: **L(+)-Arabinose**
 CAS Number: 5328-37-0
 Specifications & Purity: $\geq 99\%$
 Lot #: L2208297
 SKU #: **A106196**
 Version: **0**
 Analysis #: **157875**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	152-166 (°C)	165.83000 °C
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	102-106 (°)	102.51900 °
Purity(HPLC)	99-100 (%)	99.60800 %
Solubility, 100mg/ml in water	Clear and colorless	Clear and colorless
Appearance (A106196)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager