

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 10:58:59

Date of Next Testing: 2027-03-06 10:58:59

Product Name: **L(+)-Arabinose**

CAS Number: 5328-37-0

Specifications & Purity: $\geq 99\%$

Lot #: C2302402

SKU #: **A106196**

Version: **0**

Analysis #: **185436**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.84900 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	102-106 (°)	102.02000 °
Melting point	152-166 (°C)	165.98000 °C
Appearance (A106196)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, 100mg/ml in water	Clear and colorless	Clear and colorless



John Su
QA & QC Manager