

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-19 12:01:39

Date of Next Testing: 2028-08-18 12:01:39

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

CAS Number: 5328-37-0

Specifications & Purity: $\geq 99\%$

Lot #: H2415015

SKU #: **A106196**

Version: **0**

Analysis #: **401240**

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

Parameter	Limit Values	Result
Melting point	152-166 (°C)	165.98000 °C
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	102-106 (°)	105.70000 °
Purity(HPLC)	99-100 (%)	99.02000 %
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