

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-12 08:43:30

Date of Next Testing: 2028-04-11 08:43:30

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

CAS Number: 5328-37-0

Specifications & Purity: $\geq 99\%$

Lot #: D2409017

SKU #: **A106196**

Version: **0**

Analysis #: **113419**

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

Parameter	Limit Values	Result
Melting point	152-166 (°C)	164.19000 °C
Purity(HPLC)	99-100 (%)	99.42300 %
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$	102-106 (°)	102.01000 °
Appearance (A106196)	White to Off-White Powder	White to Off-White Powder
Solubility, 100mg/ml in water	Clear and colorless	Clear and colorless
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager