

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-06-29 16:50:45

Date of Next Testing: 2025-06-28 16:50:45

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

CAS Number: 5328-37-0

Specifications & Purity: $\geq 98\%$

Lot #: F2125075

SKU #: **A106195**

Version: **0**

Analysis #: **020942**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	102-106 (°)	102.01 °
Purity(HPLC)	98-100 (%)	99.08500 %
Heavy metal (as Pb)	0-10 (ppm)	2.30 ppm
Sulfate Ash	0-0.5 (%)	0.03 %
Water by Karl Fischer	0-0.5 (%)	0.06 %
Melting point	152-166 (°C)	165.35000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager