

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-06-29 16:42:32
 Date of Next Testing: 2025-06-28 16:42:32
 Product Name: **L(+)-Arabinose**
 CAS Number: 5328-37-0
 Specifications & Purity: $\geq 98\%$
 Lot #: F2125077
 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