

Certificate of Analysis

Date of Testing: 2025-02-08 17:09:34

Date of Next Testing: 2029-02-07 17:09:34

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

CAS Number: 5328-37-0

Specifications & Purity: $\geq 98\%$

Lot #: B2506262

SKU #: **A106195**

Version: **0**

Analysis #: **389690**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$	102-106 (°)	104.62 °
Purity(HPLC)	98-100 (%)	99.71700 %
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
Sulfate Ash	0-0.5 (%)	0.13 %
Water by Karl Fischer	0-0.5 (%)	0.09 %
Melting point	152-166 (°C)	165.91000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager