

Certificate of Analysis

Date of Testing: 2024-12-19 15:13:43

Date of Next Testing: 2028-12-18 15:13:43

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

CAS Number: 5328-37-0

Specifications & Purity: $\geq 98\%$

Lot #: L2417596

SKU #: **A106195**

Version: **0**

Analysis #: **452429**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	102-106 (°)	102.12 °
Purity(HPLC)	98-100 (%)	99.86100 %
Heavy metal (as Pb)	0-10 (ppm)	5.00 ppm
Sulfate Ash	0-0.5 (%)	0.04 %
Water by Karl Fischer	0-0.5 (%)	0.04 %
Melting point	152-166 (°C)	165.96000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager