

Certificate of Analysis

Date of Testing: 2025-02-22 09:12:26

Date of Next Testing: 2029-02-21 09:12:26

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

CAS Number: 5328-37-0

Specifications & Purity: $\geq 98\%$

Lot #: B2511091

SKU #: **A106195**

Version: **0**

Analysis #: **475139**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	102-106 (°)	102.42 °
Purity(HPLC)	98-100 (%)	99.78600 %
Heavy metal (as Pb)	0-10 (ppm)	0.37 ppm
Sulfate Ash	0-0.5 (%)	0.01 %
Water by Karl Fischer	0-0.5 (%)	0.01 %
Melting point	152-166 (°C)	165.94000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure



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