

Certificate of Analysis

Date of Testing: 2023-07-10 18:26:00

Date of Next Testing: 2027-07-09 18:26:00

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

CAS Number: 5328-37-0

Specifications & Purity: 98%

Lot #: G2304102

SKU #: **A106195**

Analysis: **268458**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)	102-106 (°)	105.70 °
Purity(HPLC)	98-100 (%)	99.02000 %
Heavy metal (as Pb)	0-10 (ppm)	5.80 ppm
Sulfate Ash	0-0.5 (%)	0.19 %
Water by Karl Fischer	0-0.5 (%)	0.23 %
Melting point	152-166 (°C)	165.89000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager