

Certificate of Analysis

Date of Testing: 2022-03-18 18:52:37

Date of Next Testing: 2026-03-17 18:52:37

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

CAS Number: 5328-37-0

Specifications & Purity: $\geq 99\%$

Lot #: C2218070

SKU #: **A106196**

Analysis: **072283**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	152-166 (°C)	161.82000 °C
Purity(HPLC)	99-100 (%)	99.85000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	102-106 (°)	102.01 °
Appearance (A106196)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, 100mg/ml in water	Clear and colorless	Clear and colorless



John Su
QA & QC Manager