

Certificate of Analysis

Date of Testing: 2023-02-28 20:58:59

Date of Next Testing: 2027-02-27 20:58:59

Product Name: **D-(+)-Arabitol**

CAS Number: 488-82-4

Specifications & Purity: 99%

Lot #: B2325233

SKU #: **A111948**

Analysis: **142689**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in Borax-soln. 2%)	10.5-13.5 (°)	10.83°
Purity(HPLC)	99-100 (%)	99.83200 %
Melting point	102-105 (°C)	104.95400 °C
Appearance (A111948)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,50mg/ml in H ₂ O	Clear, colourless solution	Clear, colourless solution



John Su
QA & QC Manager