

Certificate of Analysis

Date of Testing: 2025-07-15 13:47:44
Date of Next Testing: 2029-07-14 13:47:44
Product Name: **D-(+)-Arabitol**
CAS Number: 488-82-4
Specifications & Purity: $\geq 99\%$
Lot #: I2117301
SKU #: **A111948**
Version: **0**
Analysis #: **539974**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=2 in Borax-soln. 2%)	10.5-13.5 (°)	11.30°
Purity(HPLC)	99-100 (%)	99.89600 %
Melting point	102-105 (°C)	103.19900 °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