

Certificate of Analysis

Date of Testing: 2025-06-10 16:00:38

Date of Next Testing: 2029-06-09 16:00:38

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

CAS Number: 488-82-4

Specifications & Purity: $\geq 99\%$

Lot #: I2104065

SKU #: **A111948**

Version: **0**

Analysis #: **522460**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in Borax-soln. } 2\%)$	10.5-13.5 (°)	11.30°
Purity(HPLC)	99-100 (%)	99.89600 %
Melting point	102-105 (°C)	103.19600 °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