

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-02 17:51:21  
Date of Next Testing: 2027-03-01 17:51:21  
Product Name: **D-(+)-Arabitol**  
CAS Number: 488-82-4  
Specifications & Purity: 99%  
Lot #: B2325234  
SKU #: **A111948**  
**Analysis:** **142689**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [ $\alpha$ ] <sub>20</sub> /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 <sub>2</sub> O	Clear, colourless solution	Clear, colourless solution



John Su  
QA & QC Manager