

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-02 09:33:51
 Date of Next Testing: 2025-11-01 09:33:51
 Product Name: **Methyl (S)-(+)-mandelate**
 CAS Number: 21210-43-5
 Specifications & Purity: $\geq 98\%$
 Lot #: A2224176
 SKU #: **M107988**
 Version: **0**
 Analysis #: **291205**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	54-58 (°C)	57.93000 °C
Purity(GC)	98-100 (%)	98.89400 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	139-148 (°)	147.53000 °
Appearance (M107988)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager