

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-05 13:38:02
 Date of Next Testing: 2028-11-04 13:38:02
 Product Name: **Methyl (R)-(-)-mandelate**
 CAS Number: 20698-91-3
 Specifications & Purity: $\geq 98\%$
 Lot #: J2429525
 SKU #: **M107989**
 Version: **2**
 Analysis #: **370341**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.60000 %
Enantiomeric excess (HPLC)	97-100 (%)	97.01000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-150--140 ($^{\circ}$)	-140.69000 $^{\circ}$
Appearance (M107989)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager