

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-14 18:39:24
 Date of Next Testing: 2027-02-13 18:39:24
 Product Name: **(R)-(-)-Mandelic acid**
 CAS Number: 611-71-2
 Specifications & Purity: $\geq 99\%$
 Lot #: B2309194
 SKU #: **M107076**
 Version: **0**
 Analysis #: **011300**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Enantiometric Excess	98-100 (%)	99.00000 %
Purity(HPLC)	99-100 (%)	99.07580 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-157--150 (°)	-150.32000 °
Water by Karl Fischer	0-1 (%)	0.09540 %
Melting point	132-135 (°C)	134.92000 °C
Appearance (M107076)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager