

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-23 15:24:39
 Date of Next Testing: 2029-12-22 15:24:39
 Product Name: (R)-(-)-2-Chloromandelic acid
 CAS Number: 52950-18-2
 Specifications & Purity: ≥98%
 Lot #: C2201220
 SKU #: C106552
 Version: 1
 Analysis #: 623783
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	118-122 (°C)	121.74800 °C
Specific Rotation [α] ₂₀ /D(c=3 in H ₂ O)	-128--120 (°)	-120.62500 °
Purity(Neutralization titration)	97.5-102.5 (%)	98.52400 %
Purity(HPLC)	98-100 (%)	99.79400 %
Appearance (C106552)	White to Light Yellow Powder or Flakes	White to Light Yellow Powder or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , very faint turbidity	pass	Pass



John Su
QA & QC Manager