

Certificate of Analysis

Date of Testing: 2022-12-12 15:48:52
Date of Next Testing: 2026-12-11 15:48:52
Product Name: **(R)-(-)-Mandelic acid**
CAS Number: 611-71-2
Specifications & Purity: 99%
Lot #: L2208637
SKU #: **M107076**
Analysis: **166939**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Enantiometric Excess	98-100 (%)	98.10 %
Purity(HPLC)	99-100 (%)	99.63200 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-157--150 (°)	-153.80 °
Water by Karl Fischer	0-1 (%)	0.39 %
Melting point	132-135 (°C)	132.72000 °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