

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-17 11:36:34
 Date of Next Testing: 2026-12-16 11:36:34
 Product Name: **(R)-(-)- α -Methoxyphenylacetic Acid**
 CAS Number: 3966-32-3
 Specifications & Purity: $\geq 98\%$ (GC)(T)
 Lot #: L2209860
 SKU #: **R160890**
 Version: **0**
 Analysis #: **144941**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	65-70 (°C)	66.37000 °C
Purity(GC)	98-100 (%)	99.32400 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.99000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in EtOH})$	-151--145 (°)	-145.13000 °
Appearance (R160890)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager