

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-17 11:29:42
 Date of Next Testing: 2026-09-16 11:29:42
 Product Name: (S)-(-)-Glycidyl trityl ether
 CAS Number: 129940-50-7
 Specifications & Purity: ≥98%
 Lot #: K1816231
 SKU #: G123073
 Version: 0
 Analysis #: 136101
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	99-103 (°C)	101.60000 °C
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	-12--10 (°)	-11.20000 °
Purity(GC)	98-100 (%)	98.23100 %
Enantiometric Excess	97.5-100 (%)	97.77500 %
Carbon by Elemental Analysis	81.4-85.7 (%)	83.40000 %
Appearance (G123073)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH	almost transparency	almost transparency



John Su
QA & QC Manager