

## Certificate of Analysis

Date of Testing: 2023-06-19 10:42:59  
Date of Next Testing: 2027-06-18 10:42:59  
Product Name: **(S)-(-)-Glycidyl trityl ether**  
CAS Number: 129940-50-7  
Specifications & Purity: 98%  
Lot #: F23131128  
SKU #: **G123073**  
**Analysis: 227434**

Parameter	Limit Values	Result
Melting point	99-103 (°C)	99.60000 °C
Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )-12--10 (°)		-10.01 °
Purity(GC)	98-100 (%)	98.83 %
Carbon by Elemental Analysis	81.4-85.7 (%)	83.36 %
Enantiometric Excess	97.5-100 (%)	98.20 %
Appearance (G123073)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in hot MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager