

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-08 10:12:52  
 Date of Next Testing: 2029-01-07 10:12:52  
 Product Name: (2S)-(+)-Glycidyl tosylate  
 CAS Number: 70987-78-9  
 Specifications & Purity: ≥98%  
 Lot #: E1216015  
 SKU #: S101945  
 Version: 0  
 Analysis #: 458716  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                           | Limit Values                          | Result                                |
|---------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=2.5 in CH <sub>3</sub> CN) | 18-25 (°)                             | 20.62600°                             |
| Melting point                                                       | 47-50 (°C)                            | 48.15800 °C                           |
| Purity(GC)                                                          | 98-100 (%)                            | 98.05100 %                            |
| Appearance (S101945)                                                | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum                                                   | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in MeOH                                                  | almost transparency                   | almost transparency                   |



John Su  
QA & QC Manager