

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-03-15 18:42:40

Date of Next Testing: 2027-03-14 18:42:40

Product Name: **(S)-Glycidyl 4-Nitrobenzenesulfonate**

CAS Number: 118712-60-0

Specifications & Purity:  $\geq 98\%$

Lot #: C2311509

SKU #: **S161232**

Version: **1**

Analysis #: **181596**

Storage Temperature: Room temperature

| Parameter                                                  | Limit Values                                         | Result                                               |
|------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Melting point                                              | 80-86 (°C)                                           | 85.69000 °C                                          |
| Purity(HPLC area)                                          | 98-100 (%)                                           | 98.02000 %                                           |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$ | 29-34 (°)                                            | 33.98000 °                                           |
| Appearance(S161232)                                        | White to yellow to Orange to Green powder to crystal | White to Yellow to Orange to Green powder to crystal |
| NMR Spectrum 1H                                            | Conforms to Structure                                | Conforms to Structure                                |



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QA & QC Manager