

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-24 18:47:31
 Date of Next Testing: 2027-02-23 18:47:31
 Product Name: **(S)-Glycidyl 3-Nitrobenzenesulfonate**
 CAS Number: 115314-14-2
 Specifications & Purity: $\geq 98\%$
 Lot #: B2321085
 SKU #: **G123065**
 Version: **1**
 Analysis #: **150932**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$	21-25 ($^{\circ}$)	22.74600 $^{\circ}$
Melting point	63-66 ($^{\circ}\text{C}$)	65.83000 $^{\circ}\text{C}$
Optical purity(ee)	98-100 (%)	98.80000 %
Purity(HPLC area)	98-100 (%)	99.30400 %
Appearance (G123065)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene	almost transparency	almost transparency



John Su
QA & QC Manager