

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-10-29 14:51:22

Date of Next Testing: 2026-10-28 14:51:22

Product Name: (S)-6-Chloro-4-hydroxy-3,4-dihydro-2H-thieno[3,2-e][1,2]thiazine 1,1-Dioxide

CAS Number: 160982-16-1

Specifications & Purity:  $\geq 98\%$ (HPLC)(T)

Lot #: L1811252

SKU #: S161148

Version: 0

Analysis #: 144050

Storage Temperature: Room temperature

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                             | 98-100 (%)            | 99.43500 %            |
| Purity(Neutralization titration)                         | 97.5-102.5 (%)        | 99.99000 %            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -6--4 (°)             | -5.00700 °            |
| Melting point                                            | 128-132 (°C)          | 128.08000 °C          |
| Proton NMR spectrum                                      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager