

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-10 16:20:32  
 Date of Next Testing: 2026-08-09 16:20:32  
 Product Name: **Tetrahydro-2H-thiopyran-4-ol 1,1-dioxide**  
 CAS Number: 194152-05-1  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: H2307587  
 SKU #: **T168269**  
 Version: **1**  
 Analysis #: **254462**  
 Storage Temperature: Store at 2-8°C

| Parameter                | Limit Values                                                            | Result                                                                  |
|--------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Purity(HPLC area)        | 95-100 (%)                                                              | 99.77800 %                                                              |
| NMR Spectrum 1H          | Conforms to structure                                                   | Conforms to Structure                                                   |
| LC-MS for identification | Conforms                                                                | Conforms                                                                |
| Appearance(T168269)      | White to Light Yellow and Faint Brown to Light Brown Powder or Crystals | White to Light Yellow and Faint Brown to Light Brown Powder or Crystals |



John Su  
QA & QC Manager