

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-13 10:54:25  
 Date of Next Testing: 2029-08-12 10:54:25  
 Product Name: **3,3'-Thiodipropionic acid**  
 CAS Number: 111-17-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2508006  
 SKU #: **T106635**  
 Version: **1**  
 Analysis #: **332300**  
 Storage Temperature: Room temperature

| Parameter                                     | Limit Values                                       | Result                                             |
|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(GC)                                    | 98-100 (%)                                         | 99.58000 %                                         |
| Purity (Titration by NaOH)                    | 97.5-102.5 (%)                                     | 100.88000 %                                        |
| Melting point                                 | 127-134 (°C)                                       | 133.98000 °C                                       |
| Appearance (T106635)                          | White powder                                       | White powder                                       |
| Solubility(C = 10% In H <sub>2</sub> O(Heat)) | Colorless to Faint Yellow , Clear to Slightly Hazy | Colorless to Faint Yellow , Clear to Slightly Hazy |
| Infrared spectrum                             | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager