

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-12 14:20:17

Date of Next Testing: 2028-07-11 14:20:17

Product Name: **3,3'-Thiodipropionic acid**

CAS Number: 111-17-1

Specifications & Purity:  $\geq 98\%$

Lot #: G2405072

SKU #: **T106635**

Version: **1**

Analysis #: **353377**

Storage Temperature: Room temperature

| Parameter                                     | Limit Values                                       | Result                                             |
|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(GC)                                    | 98-100 (%)                                         | 98.90000 %                                         |
| Purity (Titration by NaOH)                    | 97.5-102.5 (%)                                     | 99.75000 %                                         |
| 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