

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-18 10:39:54  
 Date of Next Testing: 2027-07-18 10:39:54  
 Product Name: **2-(Dodecylthiocarbonothioylthio)-2-methylpropionic acid (DDMAT)**  
 CAS Number: 461642-78-4  
 Specifications & Purity:  $\geq 97\%$ (HPLC)  
 Lot #: G2511266  
 SKU #: **D138874**  
 Version: **1**  
 Analysis #: **501006**  
 Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                    | Limit Values                                      | Result                                            |
|------------------------------|---------------------------------------------------|---------------------------------------------------|
| Carbon by Elemental Analysis | 54.6-57.4 (%)                                     | 55.61600 %                                        |
| Purity(HPLC)                 | 97-100 (%)                                        | 99.78600 %                                        |
| Sulfur by Elemental Analysis | 25.7-27 (%)                                       | 26.12500 %                                        |
| Appearance (D138874)         | White to Yellow to Tan Powder, Crystals or Chunks | White to Yellow to Tan Powder, Crystals or Chunks |
| Proton NMR spectrum          | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager