

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-03 11:33:57

Date of Next Testing: 2026-12-03 11:33:57

Product Name: **2-(Dodecylthiocarbonothioylthio)-2-methylpropionic acid (DDMAT)**

CAS Number: 461642-78-4

Specifications & Purity:  $\geq 97\%$ (HPLC)

Lot #: K2429513

SKU #: **D138874**

Version: **1**

Analysis #: **437169**

Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                    | Limit Values                                      | Result                                            |
|------------------------------|---------------------------------------------------|---------------------------------------------------|
| Carbon by Elemental Analysis | 54.6-57.4 (%)                                     | 55.84500 %                                        |
| Purity(HPLC)                 | 97-100 (%)                                        | 99.30700 %                                        |
| Sulfur by Elemental Analysis | 25.7-27 (%)                                       | 25.70000 %                                        |
| 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                             |



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QA & QC Manager