

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-18 10:40:39  
 Date of Next Testing: 2027-06-18 10:40:39  
 Product Name: **Diethyl malonimidate dihydrochloride**  
 CAS Number: 10344-69-1  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: I2305203  
 SKU #: **D165556**  
 Version: **2**  
 Analysis #: **525178**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                      | Limit Values                                 | Result                                       |
|--------------------------------|----------------------------------------------|----------------------------------------------|
| Carbon by Elemental Analysis   | 32-40.7 (%)                                  | 34.60000 %                                   |
| Nitrogen by Elemental Analysis | 10.7-13.6 (%)                                | 12.00000 %                                   |
| Melting point                  | 120-125 ( $^{\circ}\text{C}$ )               | 123.00000 $^{\circ}\text{C}$                 |
| Purity (T)                     | 94.5-105.5 (%)                               | 101.00000 %                                  |
| Appearance(D165556)            | White to Yellow Powder or Crystalline Powder | White to Yellow Powder or Crystalline Powder |
| Infrared spectrum              | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager