

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-21 17:42:32  
 Date of Next Testing: 2028-10-20 17:42:32  
 Product Name: **2,5-Dimethoxyacetoacetanilide**  
 CAS Number: 6375-27-5  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: J2516343  
 SKU #: **D194339**  
 Version: **1**  
 Analysis #: **594827**  
 Storage Temperature: Room temperature

| Parameter              | Limit Values                            | Result                                  |
|------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)      | 99-100 (%)                              | 99.99300 %                              |
| Assay (Total nitrogen) | 99-102.5 (%)                            | 100.49000 %                             |
| Melting point          | 71-75 (°C)                              | 72.30000 °C                             |
| Appearance(D194339)    | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H        | Conforms to structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager