

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| Date of Testing:         | 2025-11-05 11:23:35                                         |
| Date of Next Testing:    | 2028-11-04 11:23:35                                         |
| Product Name:            | 2-((tert-Butoxycarbonyl)amino)-3-ethoxy-3-oxopropanoic acid |
| CAS Number:              | 137401-45-7                                                 |
| Specifications & Purity: | ≥97%                                                        |
| Lot #:                   | J2527583                                                    |
| SKU #                    | T190743                                                     |
| Version                  | 1                                                           |
| Analysis #:              | 564877                                                      |
| Storage Temperature:     | Store at 2-8°C                                              |

| Parameter                | Limit Values               | Result                     |
|--------------------------|----------------------------|----------------------------|
| Purity(HPLC)             | 97-100 (%)                 | 99.88400 %                 |
| Appearance(T190743)      | White to off-white (Solid) | White to off-white (Solid) |
| LC-MS for identification | Conforms                   | Conforms                   |
| Proton NMR spectrum      | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager