

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 17:57:47  
 Date of Next Testing: 2028-09-17 17:57:47  
 Product Name: **cis-4-((tert-Butoxycarbonyl)amino)cyclopent-2-enecarboxylic acid**  
 CAS Number: 108999-93-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: I2510383  
 SKU #: **C710098**  
 Version: **2**  
 Analysis #: **535108**  
 Storage Temperature: Store at 2-8°C

| Parameter                                                   | Limit Values               | Result                     |
|-------------------------------------------------------------|----------------------------|----------------------------|
| Purity(HPLC area)                                           | 98-100 (%)                 | 99.84400 %                 |
| Specific rotation $[\alpha]_{20/D}(C=0.91 \text{ in MEOH})$ | -2~2 (°)                   | 0.25200 °                  |
| NMR Spectrum 1H                                             | Conforms to Structure      | Conforms to Structure      |
| Appearance(C710098)                                         | White to off-white (Solid) | White to off-white (Solid) |
| LC-MS for identification                                    | Conforms                   | Conforms                   |



John Su  
QA & QC Manager