

## Certificate of Analysis

Date of Testing: 2025-01-09 10:47:55  
 Date of Next Testing: 2029-01-08 10:47:55  
 Product Name: **(R)-(+)-N-Boc-3-aminopyrrolidine**  
 CAS Number: 147081-49-0  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: C2127202  
 SKU #: **B115464**  
 Version: **2**  
 Analysis #: **459747**  
 Storage Temperature: Argon charged

| Parameter                                                         | Limit Values              | Result                    |
|-------------------------------------------------------------------|---------------------------|---------------------------|
| Refractive index n <sub>20</sub> /D                               | 1.469-1.473               | 1.47                      |
| Purity(GC)                                                        | 97-100 (%)                | 97.60 %                   |
| Density (20°C)                                                    | 1.032-1.036               | 1.03                      |
| Specific Rotation [α] <sub>25</sub> /D(c=1 in CHCL <sub>3</sub> ) | 2-5 (°)                   | 4.30 °                    |
| Appearance (B115464)                                              | colorless to brown liquid | colorless to brown liquid |
| Infrared spectrum                                                 | Conforms to Structure     | Conforms to Structure     |



John Su  
 QA & QC Manager