

## Certificate of Analysis

Date of Testing: 2023-10-27 15:09:37

Date of Next Testing: 2026-10-26 15:09:37

Product Name: **Ethyl (R)-1-Boc-4-oxopiperidine-2-carboxylate**

CAS Number: 357154-16-6

Specifications & Purity: 97%

Lot #: J2323330

SKU #: **E469127**

**Analysis:** **281475**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                   | Limit Values                                                                                                  | Result                                                                                                        |
|-----------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Purity(HPLC area)           | 97-100 (%)                                                                                                    | 97.59%                                                                                                        |
| Optical                     | 15-23 (°)                                                                                                     | 15.01000°                                                                                                     |
| Rotation(c=0.5%;Chloroform) |                                                                                                               |                                                                                                               |
| Appearance(E469127)         | Colorless to Yellow to Brown and White to Yellow to Brown Powder or Solid or Crystals or Semi-Solid or Liquid | Colorless to Yellow to Brown and White to Yellow to Brown Powder or Solid or Crystals or Semi-Solid or Liquid |
| NMR Spectrum 1H             | Conforms to structure                                                                                         | Conforms to Structure                                                                                         |



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