

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-06-18 17:07:41

Date of Next Testing: 2026-06-17 17:07:41

Product Name: **N-Boc-3-pyrrolidinone**

CAS Number: 101385-93-7

Specifications & Purity:  $\geq 97\%$

Lot #: F2216115

SKU #: **B119278**

Version: **1**

Analysis #: **079660**

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

| Parameter                      | Limit Values                                       | Result                                             |
|--------------------------------|----------------------------------------------------|----------------------------------------------------|
| Nitrogen by Elemental Analysis | 7.2-7.8 (%)                                        | 7.60000 %                                          |
| Melting point                  | 34-38 (°C)                                         | 34.33000 °C                                        |
| Carbon by Elemental Analysis   | 56.3-60.4 (%)                                      | 58.70000 %                                         |
| Purity(GC)                     | 97-100 (%)                                         | 99.06000 %                                         |
| Appearance (B119278)           | White to Yellow to Orange to Brown Powder/Crystals | White to Yellow to Orange to Brown Powder/Crystals |
| Proton NMR spectrum            | Conforms to structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager