

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-30 13:07:44

Date of Next Testing: 2026-04-30 13:07:44

Product Name: **1-(Chloro-1-pyrrolidinylmethylene)pyrrolidinium Tetrafluoroborate**

CAS Number: 115007-14-2

Specifications & Purity:  $\geq 97\%$

Lot #: D2423188

SKU #: **C138051**

Version: **1**

Analysis #: **343395**

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

| Parameter                       | Limit Values          | Result                |
|---------------------------------|-----------------------|-----------------------|
| Purity (Argentmetric Titration) | 96.5-103.5 (%)        | 101.83000 %           |
| Melting point                   | 102-106 (°C)          | 105.40000 °C          |
| Purity(HPLC area)               | 97-100 (%)            | 99.12300 %            |
| Proton NMR spectrum             | Conforms to Structure | Conforms to Structure |
| Solubility in Acetonitrile      | almost transparency   | almost transparency   |



John Su  
QA & QC Manager