

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-30 13:06:38
 Date of Next Testing: 2026-04-30 13:06:38
 Product Name: **1-(Chloro-1-pyrrolidinylmethylene)pyrrolidinium Tetrafluoroborate**
 CAS Number: 115007-14-2
 Specifications & Purity: $\geq 97\%$
 Lot #: D2423193
 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