

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-03 17:43:13  
Date of Next Testing: 2026-08-02 17:43:13  
Product Name: **1-Methyl-1-pentylpyrrolidinium Bis(trifluoromethanesulfonyl)imide**  
CAS Number: 380497-17-6  
Specifications & Purity: 98%  
Lot #: G2329703  
SKU #: **M404716**  
**Analysis:** **243937**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Ion exchange titration)	97.5-102.5 (%)	97.51%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure
Appearance(M404716)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid



John Su  
QA & QC Manager