

## Certificate of Analysis

Date of Testing: 2024-12-12 14:11:11

Date of Next Testing: 2026-12-02 14:11:11

Product Name: **1-Butyl-3-methylimidazolium tetrafluoroborate**

CAS Number: 174501-65-6

Specifications & Purity:  $\geq 98\%$

Lot #: L2409049

SKU #: **B359377**

Version: **1**

Analysis #: **439191**

Storage Temperature: Room temperature, Argon charged

| Parameter             | Limit Values                                     | Result                                           |
|-----------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(HPLC)          | 98-100 (%)                                       | 100.00000 %                                      |
| Appearance(B359377)   | Colorless to Light orange to Yellow clear liquid | Colorless to Light orange to Yellow clear liquid |
| Fluorine NMR Spectrum | Conforms to structure                            | Conforms to Structure                            |
| Proton NMR spectrum   | Conforms to structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager