

## Certificate of Analysis

Date of Testing: 2024-05-25 16:39:01  
 Date of Next Testing: 2027-05-25 16:39:01  
 Product Name: **1-vinyl-3-ethylimidazolium tetrafluoroborate**  
 CAS Number: 936030-51-2  
 Specifications & Purity:  $\geq 98.5\%$   
 Lot #: E2409019  
 SKU #: **M305000**  
 Version: **3**  
 Analysis #: **077409**  
 Storage Temperature: Room temperature, Desiccated

| Parameter             | Limit Values                              | Result                                    |
|-----------------------|-------------------------------------------|-------------------------------------------|
| Purity(HPLC)          | 98.5-100 (%)                              | 99.63200 %                                |
| Appearance(M305000)   | Colorless to light yellow to brown liquid | Colorless to light yellow to brown liquid |
| Proton NMR spectrum   | Conforms to structure                     | Conforms to Structure                     |
| Fluorine NMR Spectrum | Conforms to structure                     | Conforms to Structure                     |



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QA & QC Manager