

## Certificate of Analysis

Date of Testing: 2022-07-11 14:48:06  
Date of Next Testing: 2024-06-30 14:48:06  
Product Name: **1-Butyl-3-methylimidazolium tetrafluoroborate**  
CAS Number: 174501-65-6  
Specifications & Purity: 98%  
Lot #: G2208127  
SKU #: **B359377**  
**Analysis: 112396**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.04780 %
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