

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-15 17:03:05  
Date of Next Testing: 2026-08-05 17:03:05  
Product Name: **1-Butyl-3-methylimidazolium tetrafluoroborate**  
CAS Number: 174501-65-6  
Specifications & Purity: 97%  
Lot #: H2407255  
SKU #: **B107645**  
Version: **1**  
Analysis #: **393012**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.11 %
Refractive index n <sub>20</sub> /D	1.421-1.425	1.42
Purity(HPLC)	97-100 (%)	99.60500 %
Appearance (B107645)	Colorless to Yellow,Brown Liquid or Viscous Liquid	Colorless to Yellow,Brown Liquid or Viscous Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager