

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-17 17:40:43

Date of Next Testing: 2027-01-07 17:40:43

Product Name: **1-Butyl-3-methylimidazolium tetrafluoroborate (BMIMBF₄)**

CAS Number: 174501-65-6

Specifications & Purity: ≥97%

Lot #: A2513003

SKU #: **B107645**

Version: **1**

Analysis #: **457306**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.06400 %
Refractive index n ₂₀ /D	1.421-1.425	1.42330
Purity(HPLC)	97-100 (%)	99.77100 %
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