

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-26 13:54:07  
Date of Next Testing: 2026-11-25 13:54:07  
Product Name: **1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide**  
CAS Number: 174899-83-3  
Specifications & Purity: 98%  
Lot #: K2219097  
SKU #: **B101513**  
**Analysis:** **149418**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.442-1.446	1.44
Purity(HPLC)	98-100 (%)	99.63200 %
Refractive index n <sub>20</sub> /D	1.426-1.43	1.43
Appearance (B101513Form)	Liquid	Liquid
Appearance (B101513Color)	Colorless to Yellow	Colorless to Yellow
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager