

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-17 10:03:46

Date of Next Testing: 2026-02-16 10:03:46

Product Name: **1-Butyl-2,3-dimethylimidazolium Bis(trifluoromethanesulfonyl)imide**

CAS Number: 350493-08-2

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: B2216099

SKU #: **B152280**

Version **0**

Analysis #: **063502**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.433-1.437           | 1.43                  |
| Purity(HPLC)                        | 98-100 (%)            | 98.04100 %            |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager