

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-12 15:05:37

Date of Next Testing: 2030-05-11 15:05:37

Product Name: **1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide(EMIMTFSI)**

CAS Number: 174899-82-2

Specifications & Purity:  $\geq 97\%$

Lot #: D2630304

SKU #: **E101506**

Version: **0**

Analysis #: **694368**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Purity(HPLC)                       | 97-100 (%)                       | 99.98300 %                       |
| Water by Karl Fischer              | 0-0.5 (%)                        | 0.03380 %                        |
| Refractive index n <sub>20/D</sub> | 1.422-1.426                      | 1.42439                          |
| Density (20°C)                     | 1.524-1.528                      | 1.52400                          |
| Appearance (E101506)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager