

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-25 11:46:53
Date of Next Testing: 2028-06-24 11:46:53
Product Name: **1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide**
CAS Number: 174899-82-2
Specifications & Purity: 97%
Lot #: F2424199
SKU #: **E101506**
Version: **0**
Analysis #: **365246**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(HPLC) | 97-100 (%) | 99.72900 % |
| Water by Karl Fischer | 0-0.5 (%) | 0.03 % |
| Refractive index n ₂₀ /D | 1.422-1.426 | 1.42 |
| Density (20°C) | 1.524-1.528 | 1.52 |
| 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