

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-20 13:05:09  
Date of Next Testing: 2028-02-19 13:05:09  
Product Name: **1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide**  
CAS Number: 174899-82-2  
Specifications & Purity: 97%  
Lot #: B2401160  
SKU #: **E101506**  
**Analysis:** **316272**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.18600 %
Water by Karl Fischer	0-0.5 (%)	0.02 %
Refractive index n <sub>20</sub> /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