

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 09:05:49

Date of Next Testing: 2029-11-10 09:05:49

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

CAS Number: 174899-82-2

Specifications & Purity: $\geq 97\%$

Lot #: K2503277

SKU #: **E101506**

Version **0**

Analysis #: **594184**

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

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.71900 %
Water by Karl Fischer	0-0.5 (%)	0.02190 %
Density (20°C)	1.524-1.528	1.52650
Refractive index n ₂₀ /D	1.422-1.426	1.42450
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