

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-27 14:11:11

Date of Next Testing: 2029-04-26 14:11:11

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

CAS Number: 174899-82-2

Specifications & Purity: $\geq 97\%$

Lot #: D2519071

SKU #: **S43677**

Version: **0**

Analysis #: **504445**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	100.00000 %
Water by Karl Fischer	0-0.5 (%)	0.08 %
Density (20°C)	1.524-1.528	1.52
Refractive index n ₂₀ /D	1.422-1.426	1.42
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S43677)	Colorless to light yellow liquid	Colorless to light yellow liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

