

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-30 17:04:54

Date of Next Testing: 2029-10-29 17:04:54

Product Name: **1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate (EMIM Otf)**

CAS Number: 145022-44-2

Specifications & Purity:  $\geq 98\%$

Lot #: J2523447

SKU #: **E101508**

Version: **3**

Analysis #: **585437**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20/D</sub>	1.432-1.436	1.43260
Purity(HPLC)	98-105 (%)	98.59700%
Appearance (E101508)	Colorless to light yellow to brown liquid	Colorless to light yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager