

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-19 14:03:40

Date of Next Testing: 2029-12-18 14:03:40

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

CAS Number: 145022-44-2

Specifications & Purity: $\geq 98\%$

Lot #: B2225213

SKU #: **E101508**

Version: **3**

Analysis #: **620414**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.432-1.436	1.43570
Purity(HPLC)	98-105 (%)	98.24600 %
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