

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-26 14:59:52
 Date of Next Testing: 2028-06-25 14:59:52
 Product Name: **1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate (EMIM Otf)**
 CAS Number: 145022-44-2
 Specifications & Purity: $\geq 98\%$
 Lot #: F2418126
 SKU #: **E101508**
 Version: **3**
 Analysis #: **368582**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-105 (%)	99.69000 %
Refractive index n ₂₀ /D	1.432-1.436	1.43300
Density (20°C)	1.388-1.394	1.38800
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