

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-14 16:47:30
 Date of Next Testing: 2029-05-13 16:47:30
 Product Name: **1-Ethyl-3-methylimidazolium tetrafluoroborate (EMIMBF₄)**
 CAS Number: 143314-16-3
 Specifications & Purity: ≥98%
 Lot #: E2506099
 SKU #: **E120493**
 Version: **2**
 Analysis #: **500848**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.12740 %
Refractive index n _{20/D}	1.405-1.422	1.40920
Purity(HPLC area)	98-100 (%)	99.46300 %
Appearance (E120493)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager