

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-11-06 18:09:34
Date of Next Testing:	2029-11-05 18:09:34
Product Name:	1-Ethyl-3-methylimidazolium tetrafluoroborate (EMIMBF₄)
CAS Number:	143314-16-3
Specifications & Purity:	≥98%
Lot #:	K2505341
SKU #	E120493
Version	2
Analysis #:	593715
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.04 %
Refractive index n _{20/D}	1.405-1.422	1.41
Purity(HPLC area)	98-100 (%)	98.18 %
Appearance (E120493)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager