

Certificate of Analysis

Date of Testing: 2023-02-28 19:48:46

Date of Next Testing: 2027-02-27 19:48:46

Product Name: **1-Ethyl-3-methylimidazolium tetrafluoroborate**

CAS Number: 143314-16-3

Specifications & Purity: 98%

Lot #: B2324583

SKU #: **E120493**

Analysis: **188165**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.28-1.296	1.29
Water by Karl Fischer	0-0.5 (%)	0.49 %
Refractive index n ₂₀ /D	1.405-1.422	1.42
Purity(HPLC area)	98-100 (%)	98.80 %
Appearance (E120493)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager