

Certificate of Analysis

Date of Testing: 2024-08-24 13:06:08

Date of Next Testing: 2028-08-23 13:06:08

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

CAS Number: 143314-16-3

Specifications & Purity: 98%

Lot #: H2414493

SKU #: **E120493**

Version: **2**

Analysis #: **395070**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.20 %
Refractive index n ₂₀ /D	1.405-1.422	1.41
Purity(HPLC area)	98-100 (%)	99.26 %
Appearance (E120493)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager