

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-06-28 18:21:17
Date of Next Testing: 2027-06-27 18:21:17
Product Name: **1-Ethyl-3-methylimidazolium tetrafluoroborate**
CAS Number: 143314-16-3
Specifications & Purity: 97%
Lot #: F2327353
SKU #: **E106224**
Analysis: **245762**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.405-1.422	1.40880
Purity (Titration by NaOH)	96.5-103.5 (%)	99.43300 %
Density (20°C)	1.28-1.296	1.29200
Nitrogen by Elemental Analysis	13.2-14.7 (%)	14.20000 %
Carbon by Elemental Analysis	34.7-36.9 (%)	36.50000 %
Appearance (E106224)	colorless to brown liquid	colorless to brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager