

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-20 08:39:55

Date of Next Testing: 2025-04-19 08:39:55

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

CAS Number: 244193-56-4

Specifications & Purity: $\geq 96.5\%$ (HPLC)

Lot #: C2215184

SKU #: **D168962**

Version: **0**

Analysis #: **072458**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.436-1.44	1.43800
Density (20°C)	1.076-1.08	1.07800
Purity(HPLC)	96.5-100 (%)	99.37200 %
Appearance (D168962)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager