

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-11-05 13:30:18

Date of Next Testing: 2029-11-04 13:30:18

Product Name: **1-Hexyl-3-methylimidazolium tetrafluoroborate(HMIMBF4)**

CAS Number: 244193-50-8

Specifications & Purity:  $\geq 97\%$

Lot #: B2210358

SKU #: **H101525**

Version **0**

**Analysis #:** **599342**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(HPLC)                        | 97-100 (%)                 | 99.65800 %                 |
| Refractive index n <sub>20</sub> /D | 1.427-1.431                | 1.42900                    |
| Appearance (H101525)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager