



Certificate of Analysis

Compound Information

Product Name: 1-Hexyl-3-methylimidazolium Tetrafluoroborate

Cat. No.: 1027041

CAS No.: 244193-50-8

Molecular Formula: $C_{10}H_{19}BF_4N_2$

Molecular Weight: 254.08

Chemical Structure:

 $-N \overset{\mathsf{F}}{\underset{\mathsf{F}}{\longrightarrow}} N \\ N \overset{\mathsf{F}}{\underset{\mathsf{F}}{\longrightarrow}} \mathsf{F}$

Batch Information

Batch No.: Ld112323615

Storage: Store at room temperature

Test Date: 2020-11-23 **Retest Date:** 2025-11-22

Origin: Shanghai, China

QC Summary

Appearance: Colorless to light yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.72%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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