

# Certificate of Analysis

## Compound Information

**Product Name:** 3-Hexadecyl-1-Methyl-1H-Imidazol-3-ium  
Bis((Trifluoromethyl)Sulfonyl)Amide  
**CAS No.:** 404001-50-9  
**Cat. No.:** G6648094  
**Molecular Formula:** C<sub>22</sub>H<sub>39</sub>F<sub>6</sub>N<sub>3</sub>O<sub>4</sub>S<sub>2</sub>  
**Molecular Weight:** 587.68

## Batch Information

**Batch No.:** 2961563  
**Test Date:** 2025-10-09  
**Report Date:** 2025-10-10  
**Retest Date:** 2031-04-06  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	99%	Conforms to specification
NMR	Consistent with structure	Consistent with structure

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

