

# Certificate of Analysis

## Compound Information

**Product Name:** 1-Butyl-3-(4-Sulfobutyl)-1H-Imidazol-3-ium Trifluoromethanesulfonate  
**CAS No.:** 439937-63-0  
**Cat. No.:** G4744802  
**Molecular Formula:**  $C_{12}H_{21}F_3N_2O_6S_2$   
**Molecular Weight:** 410.43

## Batch Information

**Batch No.:** 1660892  
**Test Date:** 2024-03-20  
**Report Date:** 2024-03-21  
**Retest Date:** 2029-09-15  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(LC-MS)	98.74%
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:

