

## Certificate of Analysis

Date of Testing: 2024-07-08 10:50:58  
Date of Next Testing: 2027-07-08 10:50:58  
Product Name: **1-Butyl-3-(4-sulfobutyl)imidazolium trifluoromethanesulfonate**  
CAS Number: 439937-63-0  
Specifications & Purity: 95%  
Lot #: F2427193  
SKU #: **B303725**  
Version: **1**  
Analysis #: **355643**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.19800 %
FNMR spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager