

Certificate of Analysis

Date of Testing: 2025-06-10 14:53:57
Date of Next Testing: 2029-06-09 14:53:57
Product Name: **1-Butyl-3-methylimidazolium Trifluoromethanesulfonate**
CAS Number: 174899-66-2
Specifications & Purity: $\geq 97\%$
Lot #: H2121101
SKU #: **B111364**
Version: **1**
Analysis #: **522026**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.437-1.442	1.44
Water by Karl Fischer	0-1 (%)	0.18 %
Purity(HPLC)	97-100 (%)	97.60000 %
Appearance (B111364)	colorless to brown liquid	colorless to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager