

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-08 19:59:05
Date of Next Testing: 2026-09-07 19:59:05
Product Name: **1-Butyl-3-methylimidazolium Trifluoromethanesulfonate**
CAS Number: 174899-66-2
Specifications & Purity: 97%
Lot #: I2203061
SKU #: **B111364**
Analysis: **110251**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.437-1.442	1.44
Water by Karl Fischer	0-1 (%)	0.28 %
Density (20°C)	1.3-1.311	1.31
Purity(HPLC)	97-100 (%)	99.16400 %
Appearance (B111364)	colorless to brown liquid	colorless to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager