

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-18 11:57:56
Date of Next Testing: 2028-12-17 11:57:56
Product Name: **1-Butyl-3-methylimidazolium Trifluoromethanesulfonate**
CAS Number: 174899-66-2
Specifications & Purity: $\geq 97\%$
Lot #: L2417455
SKU #: **B111364**
Version: **1**
Analysis #: **452425**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.437-1.442	1.44
Water by Karl Fischer	0-1 (%)	0.06 %
Purity(HPLC)	97-100 (%)	97.19800 %
Appearance (B111364)	colorless to brown liquid	colorless to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager