

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-29 10:56:57

Date of Next Testing: 2028-10-28 10:56:57

Product Name: **1-Butyl-3-methylimidazolium Trifluoromethanesulfonate**

CAS Number: 174899-66-2

Specifications & Purity: $\geq 97\%$

Lot #: J2425371

SKU #: **B111364**

Version: **1**

Analysis #: **411011**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.437-1.442	1.43880
Water by Karl Fischer	0-1 (%)	0.17000 %
Purity(HPLC)	97-100 (%)	99.42000 %
Appearance (B111364)	colorless to brown liquid	colorless to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager