

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-03 16:15:26

Date of Next Testing: 2027-07-02 16:15:26

Product Name: **1-Butyl-1-methylpyrrolidinium Chloride (BMIMCl)**

CAS Number: 479500-35-1

Specifications & Purity: $\geq 99\%$

Lot #: F2327834

SKU #: **B121231**

Version: **0**

Analysis #: **217128**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.32500 %
Purity(Titration by AgNO ₃)	99-100.5 (%)	100.19000 %
Appearance (B121231)	White to brown powder,crystals and/or chunks	White to brown powder,crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager