

Certificate of Analysis

Date of Testing: 2024-09-03 14:15:16

Date of Next Testing: 2028-09-02 14:15:16

Product Name: **1-Butyl-1-methylpyrrolidinium Chloride**

CAS Number: 479500-35-1

Specifications & Purity: 99%

Lot #: A1330033

SKU #: **B121231**

Version: **0**

Analysis #: **406250**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO3)	99-100.5 (%)	99.80 %
Water by Karl Fischer	0-0.5 (%)	0.10 %
Appearance (B121231)	White to brown powder,crystals and/or chunks	White to brown powder,crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager