

Certificate of Analysis

Date of Testing: 2025-03-19 18:17:50

Date of Next Testing: 2029-03-18 18:17:50

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

CAS Number: 342789-81-5

Specifications & Purity: $\geq 99\%$

Lot #: C2513152

SKU #: **B101517**

Version: **1**

Analysis #: **452836**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	74-78 (°C)	75.41000 °C
Purity(HPLC)	99-100 (%)	99.32100 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B101517)	White to Dark Brown powder to crystal	White to Dark Brown powder to crystal



John Su
QA & QC Manager