

## Certificate of Analysis

Date of Testing: 2025-06-09 17:36:40

Date of Next Testing: 2029-06-08 17:36:40

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

CAS Number: 342789-81-5

Specifications & Purity:  $\geq 95\%$

Lot #: F2504258

SKU #: **B754217**

Version: **1**

Analysis #: **524327**

Storage Temperature: Room temperature, Argon charged

| Parameter                | Limit Values                          | Result                                |
|--------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC area)        | 95-100 (%)                            | 98.45 %                               |
| Melting point            | 74-78 (°C)                            | 74.01000 °C                           |
| Appearance(B754217)      | White to Dark Brown powder to crystal | White to Dark Brown powder to crystal |
| LC-MS for identification | Conforms                              | Conforms                              |
| NMR Spectrum 1H          | Conforms to Structure                 | Conforms to Structure                 |



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