

Certificate of Analysis

Date of Testing: 2023-05-26 10:32:44
Date of Next Testing: 2027-05-25 10:32:44
Product Name: **1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide**
CAS Number: 174899-83-3
Specifications & Purity: 98%
Lot #: E2311202
SKU #: **B101513**
Analysis: **187705**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Density (20°C) | 1.442-1.446 | 1.44 |
| Purity(HPLC) | 98-100 (%) | 98.68000 % |
| Refractive index n ₂₀ /D | 1.426-1.43 | 1.43 |
| Appearance (B101513Form) | Liquid | Liquid |
| Appearance (B101513Color) | Colorless to Yellow | Colorless to Yellow |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager