

## Certificate of Analysis

Date of Testing: 2025-02-08 10:37:13

Date of Next Testing: 2027-02-08 10:37:13

Product Name: **1-Ethyl-3-methylimidazolium acetate**

CAS Number: 143314-17-4

Specifications & Purity:  $\geq 97\%$

Lot #: D2321268

SKU #: **W131887**

Version: **1**

Analysis #: **468007**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                                  | Result                                        |
|-------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Water(Coulometr.)                   | 0-2 (%)                                       | 1.32 %                                        |
| Refractive index n <sub>20</sub> /D | 1.494-1.504                                   | 1.50                                          |
| Purity(HPLC)(Total of Ion-Pair)     | 97-100 (%)                                    | 98.80 %                                       |
| Appearance (W131887)                | Colorless to Dark Yellow or Dark Brown Liquid | Colorless to Dark Yellow or Dark Brown Liquid |
| Proton NMR spectrum                 | Conforms to Structure                         | Conforms to Structure                         |



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