

## Certificate of Analysis

Date of Testing: 2024-09-14 16:40:59  
 Date of Next Testing: 2026-09-14 16:40:59  
 Product Name: **1-Ethyl-3-methylimidazolium acetate**  
 CAS Number: 143314-17-4  
 Specifications & Purity: 97%  
 Lot #: I2409332  
 SKU #: **W131887**  
 Version: **1**  
 Analysis #: **404966**  
 Storage Temperature: Argon charged

| Parameter                           | Limit Values                                  | Result                                        |
|-------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Water(Coulometr.)                   | 0-2 (%)                                       | 1.49 %                                        |
| Refractive index n <sub>20</sub> /D | 1.494-1.504                                   | 1.50                                          |
| Purity(HPLC)(Total of Ion-Pair)     | 97-100 (%)                                    | 97.41 %                                       |
| 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                         |



John Su  
QA & QC Manager