

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-15 16:44:15  
 Date of Next Testing: 2027-03-15 16:44:15  
 Product Name: **1-Ethyl-3-methylimidazolium acetate**  
 CAS Number: 143314-17-4  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: C2514488  
 SKU #: **W131887**  
 Version: **1**  
 Analysis #: **475569**  
 Storage Temperature: Argon charged

| Parameter                          | Limit Values                                  | Result                                        |
|------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Water(Coulometr.)                  | 0-2 (%)                                       | 0.77 %                                        |
| Refractive index n <sub>20/D</sub> | 1.494-1.504                                   | 1.50                                          |
| Purity(HPLC)(Total of Ion-Pair)    | 97-100 (%)                                    | 97.64 %                                       |
| 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