

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-26 13:04:41  
 Date of Next Testing: 2029-09-25 13:04:41  
 Product Name: **1-Ethyl-3-methylimidazolium Chloride**  
 CAS Number: 65039-09-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: I2516314  
 SKU #: **E120488**  
 Version: **3**  
 Analysis #: **556198**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                      | Limit Values                                        | Result                                              |
|--------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Melting point                  | 75-87 (°C)                                          | 86.19000 °C                                         |
| Purity(HPLC)                   | 98-100 (%)                                          | 98.58600 %                                          |
| Nitrogen by Elemental Analysis | 18.35-19.5 (%)                                      | 18.35000 %                                          |
| Appearance (E120488)           | White to Yellow to Green Powder, Crystals or Chunks | White to Yellow to Green Powder, Crystals or Chunks |
| Solubility in H <sub>2</sub> O | Almost transparency                                 | almost transparency                                 |
| Proton NMR spectrum            | Conforms to structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager