

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2025-06-28 16:09:49  
Date of Next Testing: 2027-06-18 16:09:49  
Product Name: **1-Ethyl-3-methylimidazolium bromide**  
CAS Number: 65039-08-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2524599  
SKU #: **E101503**  
Version: **2**  
Analysis #: **526909**  
Storage Temperature: Argon charged

| Parameter                               | Limit Values                                          | Result                                                |
|-----------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Melting point                           | 70-76 (°C)                                            | 73.13000 °C                                           |
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                                        | 97.57200 %                                            |
| Appearance (E101503)                    | White to Off-white to Yellow Powder,Chunk or Crystals | White to Off-white to Yellow Powder,Chunk or Crystals |
| Proton NMR spectrum                     | Conforms to Structure                                 | Conforms to Structure                                 |



John Su  
QA & QC Manager