

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-19 17:27:15

Date of Next Testing: 2027-02-09 17:27:15

Product Name: **1-Ethyl-3-methylimidazolium bromide(EMIMBr)**

CAS Number: 65039-08-9

Specifications & Purity:  $\geq 98\%$

Lot #: E2326597

SKU #: **E101503**

Version: **2**

Analysis #: **469292**

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                           | Result                                                 |
|-----------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Melting point                           | 70-76 (°C)                                             | 70.25000 °C                                            |
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)                                         | 102.41000 %                                            |
| 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