

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-28 18:25:11

Date of Next Testing: 2028-02-28 18:25:11

Product Name: **1-hexadecyl-3-methylimidazolium bromide**

CAS Number: 132361-22-9

Specifications & Purity:  $\geq 99\%$

Lot #: B2526351

SKU #: **H302396**

Version: **1**

Analysis #: **470729**

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                   | Result                                         |
|-----------------------------------------|------------------------------------------------|------------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-102.5 (%)                                 | 102.48 %                                       |
| Appearance(H302396)                     | Almost white to yellow brown powder to crystal | Almost white to yellow brown powder to crystal |
| Proton NMR spectrum                     | Conforms to structure                          | Conforms to Structure                          |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager