

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-09 22:59:56
Date of Next Testing: 2027-04-08 22:59:56
Product Name: **1,3-Dicyclohexylimidazolium Tetrafluoroborate**
CAS Number: 286014-38-8
Specifications & Purity: >98.0%(HPLC)
Lot #: D23061123
SKU #: **D154826**
Analysis: **208823**

| Parameter | Limit Values | Result |
|-----------------------|--|--|
| Purity(HPLC) | 98-100 (%) | 98.16900 % |
| Melting point | 172-176 (°C) | 172.90000 °C |
| Appearance (D154826) | White to brown powder,crystals and/or chunks | White to brown powder,crystals and/or chunks |
| Fluorine NMR Spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager