

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-11 15:55:20  
Date of Next Testing: 2027-10-10 15:55:20  
Product Name: **1,3-Dicyclohexylimidazolium Tetrafluoroborate**  
CAS Number: 286014-38-8  
Specifications & Purity: >98.0%(HPLC)  
Lot #: A2006051  
SKU #: **D154826**  
Version  
Analysis #: **281952**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.92400 %
Melting point	172-176 (°C)	173.60000 °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