

## Certificate of Analysis

Date of Testing: 2023-03-01 16:42:13  
Date of Next Testing: 2027-02-28 16:42:13  
Product Name: **1,3-Diisopropylimidazolinium Tetrafluoroborate**  
CAS Number: 137581-18-1  
Specifications & Purity: 98.0%  
Lot #: B2322781  
SKU #: **D155603**  
**Analysis:** **167007**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.89%
Purity(with Total Nitrogen)	98-100 (%)	99.73%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(D155603)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su  
QA & QC Manager