

Certificate of Analysis

Date of Testing: 2023-05-15 09:39:04

Date of Next Testing: 2027-05-14 09:39:04

Product Name: **1-Methyl-3-octylimidazolium tetrafluoroborate**

CAS Number: 244193-52-0

Specifications & Purity: 98%

Lot #: G1925131

SKU #: **M101530**

Analysis: **223308**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	9.5-10 (%)	9.60 %
Assay(HPLC)	98-100 (%)	98.22 %
Carbon by Elemental Analysis	49.5-51.1 (%)	50.66 %
Appearance (M101530)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager