

Certificate of Analysis

Date of Testing: 2025-05-06 10:44:45

Date of Next Testing: 2029-05-05 10:44:45

Product Name: **1-Ethyl-3-methylimidazolium hexafluorophosphate (EMIMPF6)**

CAS Number: 155371-19-0

Specifications & Purity: $\geq 98\%$

Lot #: D2529120

SKU # **E101504**

Version **2**

Analysis #: **500340**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	59-62 (°C)	61.81000 °C
Purity(HPLC)	97.5-102.5 (%)	99.21700 %
Solubility in hot H2O , very faint turbidity	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(E101504)	White to off white Solid	White to Off White Solid



John Su
QA & QC Manager