

## Certificate of Analysis

Date of Testing: 2023-12-19 10:11:24

Date of Next Testing: 2027-12-18 10:11:24

Product Name: **1-Ethyl-3-methylimidazolium hexafluorophosphate**

CAS Number: 155371-19-0

Specifications & Purity:  $\geq 98\%$

Lot #: K2330145

SKU #: **E101504**

Version: **2**

Analysis #: **079937**

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

| Parameter                                                 | Limit Values             | Result                   |
|-----------------------------------------------------------|--------------------------|--------------------------|
| Purity(HPLC)                                              | 97.5-102.5 (%)           | 99.28700 %               |
| Melting point                                             | 59-62 (°C)               | 61.98000 °C              |
| Appearance(E101504)                                       | White to off white Solid | White to Off White Solid |
| Solubility in hot H <sub>2</sub> O , very faint turbidity | pass                     | Pass                     |
| Proton NMR spectrum                                       | Conforms to structure    | Conforms to Structure    |



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