

Certificate of Analysis

Date of Testing: 2025-06-02 11:58:02

Date of Next Testing: 2029-06-01 11:58:02

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

CAS Number: 304680-36-2

Specifications & Purity: $\geq 95\%$

Lot #: E2529168

SKU #: **M102652**

Version **0**

Analysis #: **067070**

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.03 %
Density (20°C)	1.239-1.243	1.24
Refractive index n ₂₀ /D	1.422-1.426	1.42
Purity(Titration)	95-105 (%)	98.50 %
Purity(HPLC)	95-100 (%)	98.45600 %
Appearance (M102652Form)	Liquid	Liquid
Appearance (M102652Color)	Colorless to Yellow to Brown-Yellow	Colorless to Yellow to Brown-Yellow
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager