

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-07-12 14:43:51
Date of Next Testing: 2028-07-11 14:43:51
Product Name: **1-Octyl-3-methylimidazolium hexafluorophosphate**
CAS Number: 304680-36-2
Specifications & Purity: 95%
Lot #: I2018170
SKU #: **M102652**
Version: **0**
Analysis #: **386402**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.05000 %
Water by Karl Fischer	0-1 (%)	0.40000 %
Density (20°C)	1.239-1.243	1.24000
Refractive index n ₂₀ /D	1.422-1.426	1.42400
Purity(Titration)	95-105 (%)	98.70000 %
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