

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-11 10:17:01
Date of Next Testing: 2027-01-10 10:17:01
Product Name: **1-Octyl-3-methylimidazolium hexafluorophosphate**
CAS Number: 304680-36-2
Specifications & Purity: 95%
Lot #: C1914016
SKU #: **M102652**
Analysis: **177327**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.00000 %
Water by Karl Fischer	0-1 (%)	0.44 %
Density (20°C)	1.239-1.243	1.24
Refractive index n ₂₀ /D	1.422-1.426	1.42
Purity(Titration)	95-105 (%)	96.10 %
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