

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-21 10:54:20  
Date of Next Testing: 2025-02-20 10:54:20  
Product Name: **1-Hexyl-3-methylimidazolium hexafluorophosphate**  
CAS Number: 304680-35-1  
Specifications & Purity:  $\geq 97\%$   
Lot #: B2218023  
SKU #: **H102651**  
Version: **1**  
Analysis #: **076342**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.49700 %
Refractive index n <sub>20</sub> /D	1.417-1.421	1.41890
Carbon by Elemental Analysis	36.8-38.9 (%)	37.94500 %
Nitrogen by Elemental Analysis	8.2-9.5 (%)	9.25000 %
Appearance (H102651Form)	Liquid	Liquid
Appearance (H102651Color)	Colorless to Yellow to Brown	Colorless to Yellow to Brown
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager