

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-05 10:18:47  
Date of Next Testing: 2027-06-05 10:18:47  
Product Name: **1-Hexyl-3-methylimidazolium hexafluorophosphate**  
CAS Number: 304680-35-1  
Specifications & Purity: 97%  
Lot #: E2430652  
SKU #: **H102651**  
Version: **0**  
Analysis #: **348774**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.96900 %
Refractive index n <sub>20</sub> /D	1.417-1.421	1.42
Carbon by Elemental Analysis	36.8-38.9 (%)	38.21 %
Nitrogen by Elemental Analysis	8.2-9.5 (%)	9.14 %
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