

## Certificate of Analysis

Date of Testing: 2024-08-07 15:09:15  
Date of Next Testing: 2027-08-07 15:09:15  
Product Name: **1-Hexyl-3-methylimidazolium hexafluorophosphate**  
CAS Number: 304680-35-1  
Specifications & Purity: 97%  
Lot #: G2425429  
SKU #: **H102651**  
Version: **1**  
Analysis #: **372467**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.21500 %
Refractive index n <sub>20</sub> /D	1.417-1.421	1.42
Appearance (H102651Form)	Liquid	Liquid
Appearance (H102651Color)	Colorless to Yellow to Brown	Colorless to Yellow to Brown
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
<sup>19</sup> F NMR Spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager