

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-27 10:02:26
 Date of Next Testing: 2027-08-27 10:02:26
 Product Name: **1-Hexyl-3-methylimidazolium hexafluorophosphate**
 CAS Number: 304680-35-1
 Specifications & Purity: $\geq 97\%$
 Lot #: H2416493
 SKU #: **H102651**
 Version: **1**
 Analysis #: **391341**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.69900 %
Refractive index n ₂₀ /D	1.417-1.421	1.41840
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
¹⁹ F NMR Spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager