

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-05 10:19:21
 Date of Next Testing: 2027-06-05 10:19:21
 Product Name: **1-Hexyl-3-methylimidazolium hexafluorophosphate**
 CAS Number: 304680-35-1
 Specifications & Purity: $\geq 97\%$
 Lot #: E2430653
 SKU #: **H102651**
 Version: **1**
 Analysis #: **348774**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.96900 %
Refractive index n _{20/D}	1.417-1.421	1.41860
Carbon by Elemental Analysis	36.8-38.9 (%)	38.21000 %
Nitrogen by Elemental Analysis	8.2-9.5 (%)	9.14000 %
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