

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-07 10:34:06

Date of Next Testing: 2025-05-06 10:34:06

Product Name: **1-Hexyl-3-methylimidazolium hexafluorophosphate**

CAS Number: 304680-35-1

Specifications & Purity: $\geq 97\%$

Lot #: C2226507

SKU # **H102651**

Version **1**

Analysis #: **075939**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.85900 %
Carbon by Elemental Analysis	36.8-38.9 (%)	38.29000 %
Nitrogen by Elemental Analysis	8.2-9.5 (%)	8.85000 %
Refractive index n _{20/D}	1.417-1.421	1.42090
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