

Certificate of Analysis

Date of Testing: 2025-08-21 11:10:56
Date of Next Testing: 2029-08-20 11:10:56
Product Name: **N-Butylpyridinium hexafluorophosphate**
CAS Number: 186088-50-6
Specifications & Purity: $\geq 98\%$
Lot #: J2123127
SKU #: **B101511**
Version: **0**
Analysis #: **555848**

Parameter	Limit Values	Result
Melting point	73-77 (°C)	75.98000 °C
Water by Karl Fischer	0-0.1 (%)	0.08 %
Purity(Ion exchange titration)	97.5-102.5 (%)	98.65 %
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (B101511)	white to light yellow solid	white to light yellow solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager