

Certificate of Analysis

Date of Testing: 2022-10-17 15:54:04

Date of Next Testing: 2024-10-06 15:54:04

Product Name: **Bromo-tris-pyrrolidinophosphonium hexafluorophosphate**

CAS Number: 132705-51-2

Specifications & Purity: 98%

Lot #: C1929088

SKU # **B113343**

Analysis: **144810**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.98500 %
Appearance (B113343)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
³¹ P, ¹⁹ F, ¹ H NMR spectrum	Consistent	Consistent
Elementary analysis (C, H, N, P, F, Br)	Consistent	Consistent
ESI	Consistent	Consistent



John Su
QA & QC Manager