

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-16 18:25:45

Date of Next Testing: 2027-01-06 18:25:45

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

CAS Number: 132705-51-2

Specifications & Purity: $\geq 98\%$

Lot #: A2506070

SKU #: **B113343**

Version: **0**

Analysis #: **389999**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.58000 %
Appearance (B113343)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
^1H , ^{19}F , ^{31}P NMR spectrum	Consistent	Consistent
Elementary analysis (C, H, N, P, F, Br)	Consistent	Consistent
ESI	Consistent	Consistent

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager