

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 11:00:34

Date of Next Testing: 2027-03-01 11:00:34

Product Name: (7-Azabenzotriazol-1-yloxy)tripyrrolidinophosphonium hexafluorophosphate

CAS Number: 156311-83-0

Specifications & Purity: $\geq 97\%$

Lot #: B2324314

SKU #: A109335

Version: 2

Analysis #: 008554

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Melting point	163-168 ($^{\circ}\text{C}$)	163.41000 $^{\circ}\text{C}$
Purity(HPLC)	97-100 (%)	98.19200 %
PF6(Gravimetric Analysis With Tetraphenylarsonium Chloride)	26.8-28.8 (%)	27.88000 %
Appearance (A109335)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in CHCl_3 , Colorless, Clear, 25mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager