

## Certificate of Analysis

Date of Testing: 2024-03-12 11:01:12  
Date of Next Testing: 2026-03-12 11:01:12  
Product Name: **Diphenylammonium Trifluoromethanesulfonate**  
CAS Number: 164411-06-7  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: C2408606  
SKU #: **D138340**  
Analysis: **313080**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.91600 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.55 %
Appearance (D138340)	white to beige powder or crystals	white to beige powder or crystals
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager