

Certificate of Analysis

Date of Testing: 2024-12-20 14:40:40

Date of Next Testing: 2027-12-20 14:40:40

Product Name: (4-(9H-Carbazol-9-yl)phenyl)boronic acid(contains varying amounts of Anhydride)

CAS Number: 419536-33-7

Specifications & Purity: $\geq 98\%$

Lot #: B2223005

SKU #: H303692

Version: 1

Analysis #: 446360

Storage Temperature: Protected from light, Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-107 (%)	105.13 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager