

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-18 14:00:22
 Date of Next Testing: 2027-12-18 14:00:22
 Product Name: [4-(3,6-Dimethoxy-9H-carbazol-9-yl)butyl]phosphonic Acid
 CAS Number: 2922526-56-3
 Specifications & Purity: ≥98%
 Lot #: L2412791
 SKU #: D493958
 Version: 1
 Analysis #: 442964
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.26500 %
Melting point	193-199 (°C)	198.67000 °C
Appearance(D493958)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager