

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-12 15:53:05

Date of Next Testing: 2026-08-11 15:53:05

Product Name: [4-(3,6-Dimethoxy-9H-carbazol-9-yl)butyl]phosphonic Acid

CAS Number: 2922526-56-3

Specifications & Purity: $\geq 98\%$

Lot #: H2308408

SKU #: D493958

Version: 1

Analysis #: 251031

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	193-199 (°C)	196.22000 °C
Purity(HPLC area)	98-100 (%)	98.26400 %
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