

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-22 14:48:23

Date of Next Testing: 2029-05-21 14:48:23

Product Name: [2-(9H-Carbazol-9-yl)ethyl]phosphonic Acid (2PACz)

CAS Number: 20999-38-6

Specifications & Purity: $\geq 98\%$

Lot #: H23081085

SKU #: P405551

Version: 1

Analysis #: 709694

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.27700 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
31P NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(P405551)	White to Blue Solid	White to Blue Solid



John Su
QA & QC Manager