

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-04 10:20:48  
Date of Next Testing: 2029-01-03 10:20:48  
Product Name: [2-(9H-Carbazol-9-yl)ethyl]phosphonic Acid (2PACz)  
CAS Number: 20999-38-6  
Specifications & Purity: ≥98%  
Lot #: B2323228  
SKU #: P405551  
Version: 1  
Analysis #: 630222  
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.04000 %
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