

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-03 15:32:53

Date of Next Testing: 2027-08-02 15:32:53

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

CAS Number: 2747959-96-0

Specifications & Purity:  $\geq 99\%$

Lot #: G2322399

SKU #: D494218

Version: 1

Analysis #: 253113

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

| Parameter           | Limit Values                            | Result                                  |
|---------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)   | 99-100 (%)                              | 99.90000 %                              |
| Appearance(D494218) | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| 31P NMR spectrum    | Conforms to structure                   | Conforms to Structure                   |
| NMR Spectrum 1H     | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager