

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-04 15:31:29  
 Date of Next Testing: 2027-03-04 15:31:29  
 Product Name: **4,4'-Dinitro-2,2'-bipyridine**  
 CAS Number: 18511-72-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: B2426315  
 SKU #: **D587816**  
 Version: **1**  
 Analysis #: **314635**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 98-100 (%)            | 98.80300 %            |
| LC-MS for identification | Conforms              | Conforms              |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager