

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-12 11:23:16  
 Date of Next Testing: 2029-06-11 11:23:16  
 Product Name: **Vitamin B12**  
 CAS Number: 68-19-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: I2109431  
 SKU #: **V104140**  
 Version: **2**  
 Analysis #: **522626**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                          | Limit Values                            | Result                                  |
|----------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC)                                       | 98-100 (%)                              | 98.09800 %                              |
| Loss on drying                                     | 0-10 (%)                                | 0.59600 %                               |
| Appearance (V104140)                               | Red to Very Dark Red Crystals or Powder | Red to Very Dark Red Crystals or Powder |
| Infrared spectrum                                  | Conforms to Structure                   | Conforms to Structure                   |
| Solubility in H <sub>2</sub> O, Dark Red, 50 mg/ml | Pass                                    | Pass                                    |



John Su  
 QA & QC Manager