

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-17 11:11:57  
 Date of Next Testing: 2030-03-16 11:11:57  
 Product Name: **Ammonium Metatungstate**  
 CAS Number: 12333-11-8  
 Specifications & Purity:  $\geq 99.5\%$  metals basis  
 Lot #: C2612212  
 SKU #: **A140379**  
 Version: **2**  
 Analysis #: **080338**  
 Storage Temperature: Room temperature

| Parameter                                                                       | Limit Values                                  | Result                                        |
|---------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(Based On Trace Metals Analysis)                                          | 99.5-100 (%)                                  | 99.99190 %                                    |
| Total Metallic Impuritie                                                        | 0-5000 (ppm)                                  | 81.00000 ppm                                  |
| W(Gravimetric Analysis)                                                         | 70-75 (%)                                     | 73.38000 %                                    |
| Appearance (A140379)                                                            | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| ICP: Confirms W Component                                                       | Confirmed                                     | Confirmed                                     |
| Solubility in H <sub>2</sub> O , Almost transparency,300g/100g H <sub>2</sub> O | pass                                          | Pass                                          |
| X-Ray Diffraction                                                               | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager