

## Certificate of Analysis

Date of Testing: 2022-12-01 17:32:29  
Date of Next Testing: 2026-11-30 17:32:29  
Product Name: **Ammonium Metatungstate**  
CAS Number: 12333-11-8  
Specifications & Purity:  $\geq 99.5\%$  metals basis  
Lot #: K2229865  
SKU #: **A140379**  
Version: **0**  
Analysis #: **080338**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99%
Total Metallic Impuritie	0-5000 (ppm)	81.00 ppm
W(Gravimetric Analysis)	70-75 (%)	73.38%
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 H2O , Almost transparency,300g/100g H2O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager