

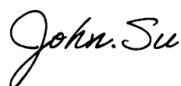
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 16:46:53
 Date of Next Testing: 2029-08-18 16:46:53
 Product Name: **Phosphotungstic acid hydrate**
 CAS Number: 12501-23-4
 Specifications & Purity: AR
 Lot #: H2511546
 SKU #: **P100467**
 Version: **2**
 Analysis #: **546614**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.03 (%)	0.00000 %
Sulfate(SO42-)	0-0.02 (%)	0.00910 %
Sodium(Na)	0-0.02 (%)	0.00050 %
Iron(Fe)	0-0.02 (%)	0.00040 %
Insoluble matter	0-0.02 (%)	0.00000 %
Calcium(Ca)	0-0.02 (%)	0.00000 %
(NO3)Nitrate	0-0.01 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Ammonia (NH4)	0-0.02 (%)	0.02000 %
Appearance (P100467)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Clarity of solution(1.5g/L)	Pass	Pass



John Su
QA & QC Manager