



## Specification

### Phosphotungstic Acid, Hydrate

**Catalog Number:** PA1022  
**CAS Number:** 12501-23-4  
**Synonyms:** Phosphowolframic Acid; tungstophosphoric Acid  
**Molecular Formula:**  $H_3PO_4 \cdot 12WO_3 \cdot xH_2O$   
**Molecular Weight:** 2880.17

Test	Specification
Appearance:	Off-White to pale yellow crystalline powder,
Assay (with Cinchonine):	65.0% to 75.0%
Insoluble Matter:	0.020% maximum
Chloride (Cl):	0.030% maximum
Nitrate (NO <sub>3</sub> ):	0.010% maximum
Sulfate (SO <sub>4</sub> ):	0.020% maximum
Ammonium (NH <sub>4</sub> ):	0.005% maximum
Heavy Metals (as Pb):	0.005% maximum
Iron (Fe):	0.002% maximum

Approved:

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