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## CERTIFICATE OF ANALYSIS

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Product	Phosphotungstic acid hydrate
Grade	High Purity
Product Code	PD1241
Formula	$H_3PO_4 \cdot 12WO_3 \cdot xH_2O$
MW	2880.17
CAS#	12501-23-4
Lot No	

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Test Items	Specifications	Results
Appearance	Off-White to pale yellow crystalline powder Turning yellow on exposure to light	
Assay (with Cinchonine):	65.0% ~ 70.0%	
Insoluble Matter	≤0.020%	
Chloride (Cl)	≤0.030%	
Nitrate (NO <sub>3</sub> )	≤0.010%	
Sulfate (SO <sub>4</sub> )	≤0.020%	
Ammonium (NH <sub>4</sub> )	≤0.005%	
Heavy Metals (as Pb)	≤0.005%	
Iron (Fe)	≤0.002%	

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Storage: R.T.