

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

$(\text{NH}_4)_6\text{H}_2\text{W}_{12}\text{O}_{40} \cdot x\text{H}_2\text{O}$

Catalogue Number 35382

Product **Ammonium metatungstate hydrate**

CAS Number 12333-11-8

Molecular Formula $(\text{NH}_4)_6\text{H}_2\text{W}_{12}\text{O}_{40} \cdot x\text{H}_2\text{O}$

Molecular Weight 2956.30

Appearance White to faint beige powder

Solubility ≥ 1.5 Kg WO_3/L at 20 °C

pH 1.5 - 3.8

Insoluble ≤ 400 ppm in water

Related Substances Impurities :
As : $\leq 0.001\%$, Ca : $\leq 0.005\%$, Cu : $\leq 0.003\%$, Fe : 0.003%
Zn : 0.001% , K 0.003% , Mo : $\leq 0.002\%$, Pb : $\leq 0.001\%$
Na : $\leq 0.003\%$

Assay $\geq 90\%$ (WO_3 content)

Storage Store at RT

Additional Information Loss on ignition : $\leq 10\%$

For Laboratory Use Only