

# **AAA** MOLYBDENUM PRODUCTS, INC.

MOLYBDENUM AND RHENIUM CHEMICALS FOR INDUSTRY

## *SPECIFICATION SHEET*

---

### **PHOSPHOMOLYBDIC ACID**

**CAS Number: 12026-57-2**

#### **DESCRIPTION**

Phosphomolybdic Acid, also called Molybdophosphoric Acid, is a yellow crystalline solid of very high solubility in water and several oxygenated solvents. There are a number of salts of the Phosphomolybdic Acid. This heteropoly acid is tribasic and has a tendency to undergo some hydrolytic degradation. NMR evidence has shown that the three protons in the heteropoly anion are present as  $H_3O^+$  ions.

#### **SPECIFICATIONS**

	<b>Specification (%)</b>
Insoluble Matter .....	<0.01
Ammonium (NH <sub>4</sub> ) .....	<0.01
Calcium (Ca) .....	<0.02
Chloride (Cl) .....	<0.02
Iron (Fe) .....	<0.005
Heavy Metals (as Pb) .....	<0.005
Sulfate (SO <sub>4</sub> ) .....	<0.025