

# AA MOLYBDENUM PRODUCTS, INC.

MOLYBDENUM AND RHENIUM CHEMICALS FOR INDUSTRY

## SPECIFICATION SHEET

**MOLYBDIC ACID, 85%**

**CAS Number: 7782-91-4**

### DESCRIPTION

Molybdic Acid, 85% is a white crystalline powder which consists largely of an ammonium molybdate. It must assay not less than 85% MoO<sub>3</sub>. It can be represented by the chemical formula (NH<sub>4</sub>)<sub>6</sub>Mo<sub>7</sub>O<sub>24</sub>. This product is also known as Ammonium Heptamolybdate Anhydride. Molybdic Acid, 85% is not soluble in water but is soluble in dilute Ammonium Hydroxide.

### SPECIFICATIONS

	<b>Specification (%)</b>
Assay (MoO <sub>3</sub> ) .....	>85.00
Insoluble Matter in dilute NH <sub>4</sub> OH .....	<0.01
Arsenate & Silicate (as SiO <sub>2</sub> ) .....	<0.001
Chloride (Cl) .....	0.005
Heavy Metals (as Pb) .....	<0.003
Phosphate (PO <sub>4</sub> ) .....	<0.0005
Sulfate (SO <sub>4</sub> ) .....	<0.2