

# AAA MOLYBDENUM PRODUCTS, INC.

MOLYBDENUM AND RHENIUM CHEMICALS FOR INDUSTRY

## *SPECIFICATION SHEET*

### **MOLYBDENUM TRIOXIDE**

**99.9% GRADE**

**CAS Number: 1313-27-5**

#### **DESCRIPTION**

Molybdenum Trioxide is a fine yellow crystalline powder that develops a bluish coloration as a result of superficial surface reduction. It is represented by the chemical formula  $\text{MoO}_3$ . The product is also known as Molybdenum Trioxide, Molybdic Acid Anhydride, and Molybdenum (VI) Oxide. It is very slightly soluble in water and very soluble in excess alkali with the formation of molybdates.

#### **99.9% GRADE SPECIFICATIONS**

	<b>Specification (%)</b>
Molybdenum ( $\text{MoO}_3$ ) -----	99.9
Alkalies (Na & K) -----	0.0050
Aluminum (Al) -----	0.0005
Calcium (Ca) -----	0.0005
Chromium (Cr) -----	0.0005
Copper (Cu) -----	0.0005
Iron (Fe) -----	0.0005
Lead (Pb) -----	0.0002
Magnesium (Mg) -----	0.0005
Nickel (Ni) -----	0.0005
Silicon (Si) -----	0.0005
Tin (Sn) -----	0.0005
Titanium (Ti) -----	0.0005