

# AA MOLYBDENUM PRODUCTS, INC.

MOLYBDENUM AND RHENIUM CHEMICALS FOR INDUSTRY

## *SPECIFICATION SHEET*

### **PERRHENIC ACID SOLUTION**

**CAS Number: 13768-11-1**

#### **DESCRIPTION**

Perrhenic Acid Solution is a colorless to a straw colored solution. Any concentration less than 60% Re is achievable, but typical Perrhenic Acid Solutions contain 40-60% Re (as Perrhenic Acid,  $\text{HReO}_4$ ). The specific gravity will usually range from 1.70 – 2.80 g/cc depending on the concentration of Re. Perrhenic Acid is a strong acid but it is very stable and shows little oxidizing power. On concentration to 45% Re and above, the solution becomes increasingly straw colored and more viscous.

#### **SPECIFICATIONS**

#### **Specification (%)**

Typical Assay (Re) .....	40 - 60
Aluminum (Al) .....	0.0010
Calcium (Ca) .....	0.0010
Chromium (Cr) .....	0.0010
Copper (Cu) .....	0.0010
Iron (Fe) .....	0.0010
Magnesium (Mg) .....	0.0010
Molybdenum (Mo) .....	0.0010
Nickel (Ni) .....	0.0010
Potassium (K) .....	0.0010
Silicon (Si) .....	0.0010
Sodium (Na) .....	0.0010
Sulfur (S) .....	0.0020
Tungsten (W) .....	0.0010