

# THE CHEM-MET COMPANY

---

6419 YOCHELSON PLACE  
P.O. BOX 819  
CLINTON, MARYLAND 20735  
PHONE (301) 868-3355  
FAX (301) 868-8946

## SPECIFICATION LIMITS AND TYPICAL ANALYSIS

**Material: SODIUM MOLYBDATE CRYSTALS, ACS GRADE**

	<u>Specification Limits</u>	<u>Typical Analysis</u>
<b>Na<sub>2</sub>MoO<sub>4</sub>·2H<sub>2</sub>O</b>	99.50% minimum, 103.0% maximum	100.30%
<b>Insoluble matter</b>	0.005% maximum	0.0025%
<b>PH of 5% solution</b>	From 7.0 to 10.5 at 25 C	9.1
<b>Chloride</b>	0.005% maximum	0.003%
<b>Phosphate</b>	5 ppm maximum	0.0004%
<b>Sulfate</b>	0.015% maximum	0.008%
<b>Ammonium</b>	0.001% maximum	0.0002%
<b>Heavy metals as Pb</b>	5 ppm maximum	0.0003%
<b>Iron</b>	0.001% maximum	0.0007%