



**GHL inc.**

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**PRODUCT DATA SHEET**

**Sodium molybdate 46%Mo GHL 1kg**

**GHL item #: 100-110-012300**

**SPECIFICATIONS AND TYPICAL ANALYSIS -**

Material: **SODIUM MOLYBDATE ANHYDROUS**

<u>% by Weight</u>	<u>Specification Limits</u>	<u>Typical Analysis</u>
Na <sub>2</sub> MoO <sub>4</sub>	99.1 min.	99.8
Mo	46.2 min.	46.5
H <sub>2</sub> O	0.25 max.	0.05
Hg	5 ppm max.	< 5 ppm
Chloride	0.01 max.	< 0.005
Heavy Metals including Pb	10 ppm max.	< 5 ppm
pH of 5% Solution	7.5 – 10.0	9.3

<b>Lot: 10947</b>	<b>Actual Analysis:</b>
Na <sub>2</sub> MoO <sub>4</sub> ; % wt.	99.94%
Molybdenum (Mo); % wt.	46.50%
Water (H <sub>2</sub> O); %	0.03%
Mercury, Hg; % wt.	< 0.0005%
Chloride; % wt .	< 0.005%
Heavy Metals as Lead (Pb); % wt.	< 0.001%
pH of 5% Solution	9.2

<u>Element</u>	<u>Specification Limits</u>	<u>Analysis</u>
Ag		< 1 ppm
As	< 5 ppm	< 5 ppm
Ba		1 ppm
Cd	< 5 ppm	1 ppm
Cr		3 ppm
Cu		4 ppm
Fe		4 ppm
Hg		1 ppm
Pb	< 5 ppm	3 ppm
Sb		< 10 ppm
Se		< 10 ppm
Zn		1 ppm
W		75 ppm
Co		< 10 ppm
Ni		< 10 ppm
Al		< 10 ppm

**Expiration Date:** Material will not degrade or expire if stored under normal dry conditions.