

**SUBLIMED PURE MOLYBDIC OXIDE
(POS)**

DESCRIPTION

Pure Molybdic Oxide (POS) is produced by sublimation process which provides a purity level of 99.90 % MoO₃ or higher. It is characterized by a very low trace element concentration of alkali metals.

SPECIFICATIONS

The following typical analysis and specification are based on Climax methods of sampling and analysis, which are available on request.

| | Percent by Weight | |
|------------|-------------------|---------------|
| | Typical Analysis | Specification |
| Molybdenum | 66.5 | - |
| Aluminium | 0.0015 | 0.0025 |
| Calcium | 0.0015 | 0.0025 |
| Chromium | < 0.0005 | 0.0010 |
| Copper | 0.0010 | 0.0020 |
| Iron | 0.0025 | 0.0030 |
| Lead | 0.0025 | 0.0040 |
| Magnesium | < 0.0005 | - |
| Nickel | < 0.0005 | - |
| Potassium | < 0.0020 | - |
| Silicon | 0.0100 | 0.0140 |
| Sodium | < 0.0005 | - |
| Sulfur | 0.0050 | 0.0200 |
| Tin | 0.0035 | 0.0100 |
| Titanium | < 0.0005 | - |

PACKAGING

Bulk bag 4000 lb net
Fiber drum 250 lb net

MSDS REQUIREMENTS

A copy of the material safety data sheet (MSDS) is available upon request.