

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	48675
<b>Product</b>	<b>Molybdenum trioxide</b> Molybdic acid anhydride
<b>CAS Number</b>	1313-27-5
<b>Molecular Formula</b>	MoO <sub>3</sub>
<b>Molecular Weight</b>	143.94

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<b>Appearance</b>	Green yellow fine powder
<b>Solubility</b>	Slightly soluble in water. Soluble in concentrated mineral acids. Soluble in strong alkaline solutions
<b>Melting Point</b>	794 - 796 °C
<b>Boiling point</b>	1154 - 1156 °C
<b>Density</b>	4.69 cm <sup>3</sup> /g
<b>Cation</b>	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%
<b>Purity</b>	≥ 99.9%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**