

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

# MoO<sub>3</sub>

<b>Catalogue Number</b>	30197
<b>Product</b>	<b>Molybdenum(VI) oxide</b>  Molybdenum trioxide  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>	Pale to light green powder
<b>Solubility</b>	Very slightly soluble in water.
<b>Melting Point</b>	795 °C (Approx.)
<b>Heavy Metals</b>	≤ 0.005% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 0.002% Nitrate (NO <sub>3</sub> <sup>-</sup> ): To pass test Arsenate, phosphate, and silicate (as SiO <sub>2</sub> ): ≤ 0.001% Phosphate (PO <sub>4</sub> <sup>3-</sup> ): ≤ 5 ppm Sulfate (SO <sub>4</sub> <sup>2-</sup> ): ≤ 0.02%
<b>Cation</b>	Ammonium (NH <sub>4</sub> <sup>+</sup> ): ≤ 0.002%
<b>Insoluble</b>	≤ 0.01% in dilute ammonium hydroxide
<b>Assay by titration</b>	≥ 99.5%
<b>Grade</b>	ACS reagent
<b>Application</b>	Used for trace metal analysis.
<b>Storage</b>	Store at RT

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**For Laboratory Use Only**