

# *Chem-Impex International, Inc.*

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## *Product Specifications*

12MoO<sub>3</sub> • H<sub>3</sub>PO<sub>4</sub> • xH<sub>2</sub>O

<b>Catalogue Number</b>	28047
<b>Product</b>	<b>Phosphomolybdic acid hydrate</b>
<b>CAS Number</b>	51429-74-4
<b>Molecular Formula</b>	H <sub>3</sub> [P(Mo <sub>3</sub> O <sub>10</sub> ) <sub>4</sub> ] • xH <sub>2</sub> O
<b>Molecular Weight</b>	1825.25

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<b>Appearance</b>	Yellow crystalline powder
<b>Solubility</b>	Very soluble in water.
<b>Heavy Metals</b>	≤ 0.005% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : ≤ 0.02% Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : ≤ 0.025%
<b>Cation</b>	Ammonium (NH <sub>4</sub> ) : ≤ 0.01% Calcium (Ca) : ≤ 0.02% Iron (Fe) : ≤ 0.005%
<b>Insoluble material</b>	≤ 0.01%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT

**For Laboratory Use Only**