

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	30128
<b>Lot Number</b>	002126-0211
<b>Product</b>	<b>Ammonium molybdate tetrahydrate</b>

Ammonium molybdate•4H<sub>2</sub>O

<b>CAS Number</b>	12054-85-2
<b>Molecular Formula</b>	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> •4H <sub>2</sub> O
<b>Molecular Weight</b>	1235.86

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Soluble in water
<b>Heavy Metals</b>	0.001% (Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : < 0.002% Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : < 0.001% Nitrate (NO <sub>3</sub> <sup>2-</sup> ) : Passes test Phosphate (PO <sub>4</sub> <sup>3-</sup> ) : < 5 ppm Arsenate, Phosphate, and Silicate : < 0.001%
<b>Cation</b>	Magnesium (Mg) : < 0.005% Sodium (Na) : 0.01% Potassium (K) : < 0.01% Lead : 0.0004%
<b>Insoluble material</b>	< 0.005% (in water)
<b>Assay by titration</b>	99.8% (Assay by titration) 55.2% (MO) 81.8% (MoO <sub>3</sub> )
<b>Storage</b>	Store at RT

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**