

# EM SCIENCE

## CERTIFICATE OF ANALYSIS

**NAME:** Ammonium Molybdate Tetrahydrate  
Crystals, GR  
**ITEM NUMBER:** AX1310  
**LOT NUMBER:** 36150  
**FORMULA:**  $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$   
**FORMULA WT:** 1235.86  
Meets ACS Specifications

Data Order No:00009577

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Arsenate, phosphate, and silicate (as SiO <sub>2</sub> ):		0.001	0.0002	%
Assay (as MoO <sub>3</sub> ):	81.0	83.0	82.58	%
Chloride (Cl):		0.002	<0.0002	%
Color:			White	
Form:			Crystals	
Heavy metals (as Pb):		0.001	<0.0001	%
Insoluble matter:		0.005	0.0010	%
Magnesium and other alkaline earths:		0.02	0.004	%
Nitrate:			Passes test	
Phosphate (PO <sub>4</sub> ):		5	<0.5	ppm
Sulfate (SO <sub>4</sub> ):		0.02	<0.002	%

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Analysis Date: 07/02/96

