



# Aqua Solutions, Inc.

P.O. Box 70 Deer Park, TX 77536 Ph (281-479-2569)



## SPECIFICATION SHEET

### AMMONIUM MOLYBDATE TETRAHYDRATE / REAGENT ACS CRYSTALS

Product Code	A4895
Chemical Name / Grade	Ammonium Molybdate Tetrahydrate / Reagent ACS Crystals
Chemical Formula / CAS#	$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$ / CAS# 12054-85-2
Appearance	White crystalline powder
Harmonization Code	2841.70.1000

### CHEMICAL ANALYSIS / SPECIFICATIONS

Assay	81.0 – 83.0%
Specifications	Maximum
Chloride (Cl)	0.002%
Nitrate (NO <sub>3</sub> )	Passes test
Insoluble Matter	0.005%
Arsenate, phosphate, and silicate (SiO <sub>2</sub> )	0.001%
Phosphate (PO <sub>4</sub> )	5 ppm
Sulfate (SO <sub>4</sub> )	0.02%
Heavy Metals (as Pb)	0.001%
Magnesium (Mg)	0.005%
Potassium (K)	0.01%
Sodium (Na)	0.01%

This product is suitable for use in applications where the grade indicated above is required.

### PREPARATION DATE (MM/DD/YY)

Original 0.0	11/26/2013: STN
Revision	

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.