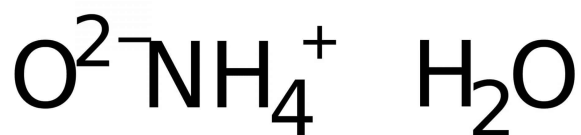


h1>Ammonium molybdate AR [12054-85-2]



Mo

CAS number: **12054-85-2**

Summary formula: **(NH<sub>4</sub>) 6Mo7O<sub>24</sub> · 4H<sub>2</sub>O**

Molar mass: **1235.86**

Synonyms: **Ammonium heptamolybdate tetrahydrate**

Translation [ENG]: **Ammonium molybdate tetrahydrate**

Application: **Ammonium molybdate is most often used in the form of tetrahydrate for the production of fertilizers, flame retardant and in analytical chemistry for precipitation of phosphates**

## VARIATIONS

Image	Price	Pack size
 <p>Mo</p>	£589,00 gross   £478,86 netto	10 kg

## PRODUCT DESCRIPTION

### **Ammonium molybdate AR [12054-85-2]**

Ammonium molybdate is most often used in the form of tetrahydrate for the production of fertilizers, flame retardant and in analytical chemistry for precipitation of phosphates.

Test 99.4 - 101.8%

Test (as MoO<sub>3</sub>) 81.0 - 83.0%

Water insoluble substance max. 50 ppm

Calcium (Ca) max. 10 ppm

Cadmium (Cd) max. 5 ppm

Cobalt (Co) max. 5 ppm

Chrome (Cr) max. 5 ppm

Copper (Cu) max. 5 ppm

Iron (Fe) max. 5 ppm

Potassium (K) max. 50 ppm

Magnesium (Mg) max. 5 ppm

Manganese (Mn) max. 5 ppm

Sodium (Na) max. 50 ppm

Nickel (Ni) max. 5 ppm

Lead (Pb) max. 5 ppm

Zinc (Zn) max. 5 ppm

Heavy metals (as Pb) max. 10 ppm

Heavy metals (ICP) ACS max. 0.001%

Chloride (Cl) max. 10 ppm

Nitrate (NO<sub>3</sub>) max. 20 ppm

Phosphate (PO<sub>4</sub>) max. 5 ppm

Phosphate, arsenate, silicate (as SiO<sub>2</sub>) max. 10 ppm

Sulphate (SO<sub>4</sub>) max. 100 ppm

### **Product specification**

### **Hazard pictograms**

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the

shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)