



## Specification

### Molybdic Acid ACS

**Catalog Number:** MA1017  
**CAS Number:** 7782-91-4  
**Synonym(s):** Ammonium dimolybdate  
**Molecular Formula:** MoO<sub>3</sub>  
**Molecular Weight:** N/A

| Test   | Specification  |
|--|--|
| Description:   | White to slightly yellowish crystalline powder or crystals |
| Assay:   | ≥ 85.0%  |
| Insoluble in dilute:<br>ammonium hydroxide                   | < 0.01%  |
| Chloride (Cl):   | < 0.002%   |
| Phosphate (PO <sub>4</sub> ):                                | < 5 ppm  |
| Sulfate (SO <sub>4</sub> ):                                  | < 0.2%   |
| Heavy metals (as Pb):  | < 0.003%   |
| Arsenate, phosphate, and<br>Silicate (as SiO <sub>2</sub> ): | < 0.001%   |

Approved:

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojira.fc.com](mailto:docsupport@gojira.fc.com)

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