



## Specification

### Ammonium Oxalate Monohydrate ACS

**Catalog Number:** AO1001  
**CAS Number:** 6009-70-7  
**Synonym(s):** Oxalic acid diammonium salt monohydrate  
**Molecular Formula:**  $C_2H_8N_2O_4 \cdot H_2O$   
**Molecular Weight:** 142.11  
**Retest Period:** Two years from the date of manufacture

Test	Specification
Appearance	White powder
Assay <sup>1</sup>	99.0 – 101.0%
Identification (FTIR)	To pass test
Melting Point	~128°C
Residue on Ignition <sup>1</sup>	≤ 0.02%
Insoluble Substances <sup>1</sup>	≤ 0.005%
Chloride <sup>1</sup>	≤ 0.002%
Sulfate <sup>1</sup>	≤ 0.002%
Heavy Metals <sup>1</sup>	≤ 5ppm
Iron <sup>1</sup>	≤ 2ppm

<sup>1</sup> Meets ACS specifications.

Approved:

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