



## Specification

### Ferrous Ammonium Sulfate Hexahydrate ACS

**Catalog Number:** FA1002  
**CAS Number:** 7783-85-9  
**Synonym(s):** Ammonium iron(II) sulfate hexahydrate, Mohr's salt  
**Molecular Formula:**  $\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$   
**Molecular Weight:** 392.14  
**Storage:** 15°C – 30°C  
**Retest Period:** Five years from the date of manufacture

Test	Specification
Appearance	Pale blue-green crystals
Assay	98.5 – 101.5 %
Identification	To pass test
Insoluble Matter	$\leq 0.01$ %
Calcium	$\leq 0.005\%$
Copper	$\leq 0.003\%$
Ferric ion ( $\text{Fe}^{3+}$ )	$\leq 0.01\%$
Magnesium	$\leq 0.002\%$
Manganese	$\leq 0.01\%$
Phosphate	$\leq 0.003\%$
Potassium	$\leq 0.002\%$
Sodium	$\leq 0.02\%$
Zinc	$\leq 0.003\%$

Approved:

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