



## Specification

### Sulfanilic Acid Anhydrous ACS

**Catalog Number:** SA1002  
**CAS Number:** 121-57-3  
**Synonym(s):** 4-Aminobenzenesulfonic acid, Aniline-4-sulfonic acid  
**Molecular Formula:** C<sub>6</sub>H<sub>7</sub>NO<sub>3</sub>S  
**Molecular Weight:** 173.19  
**Storage:** 15°C – 30°C  
**Retest Period:** Five Years

Test	Specification
Appearance	White to off-white powder
Assay	98.0 – 102.0%
Identification (FTIR)	To match reference spectra
Solubility (1%, H <sub>2</sub> O)	Slowly soluble to clear & colorless
Residue on Ignition	≤ 0.01%
Insoluble in Na <sub>2</sub> CO <sub>3</sub>	≤ 0.02%
Chloride	≤ 0.002%
Nitrate	≤ 0.00005%
Sulfate	≤ 0.01%

Approved:

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