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**Change to read:**

## 0.05 N Sulfuric Acid VS,

$H_2SO_4$  98.08  
 2.452 g in 1000 mL

Transfer 1.4 mL of [sulfuric acid](#) to a 1000-mL volumetric flask containing about 500 mL of [water](#). Cool and dilute with [water](#) to volume.

• **STANDARDIZATION:** Accurately weigh about  $\blacktriangle 0.25$  g  $\blacktriangle$  (USP 1-May-2019) of [tromethamine](#), dried according to the label instructions or, if this information is not available, dried at 105° for 3 h. Dissolve in 50 mL of [water](#) and add 2 drops of [bromocresol green TS](#). Titrate with the sulfuric acid solution to a pale yellow endpoint. Each 6.057 mg of [tromethamine](#) is equivalent to 1 mL of 0.05 N sulfuric acid.

$$N = \frac{\text{mg tromethamine}}{121.14 \times \text{mL } H_2SO_4}$$

[NOTE—If this volumetric solution is used in a qualitative application such as pH adjustment, dissolution medium, or diluent, its standardization is not required.]

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
0.05 N SULFURIC ACID VS	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

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