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Add the following:

▲0.01 N Sulfuric Acid VS,

H_2SO_4, 98.08

0.4904 g in 1000 mL

Transfer 10 mL of 1 N sulfuric acid VS to a 1000-mL volumetric flask. Dilute with water to volume.

Standardization: Accurately weigh about 50 mg 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. Titrate with 0.01 N sulfuric acid solution. Determine the endpoint potentiometrically. Each 1.2114 mg of tromethamine is equivalent to 1 mL of 0.01 N sulfuric acid.

$$N = \frac{\text{mg trometha min e}}{121.14 \times \text{mL } H_2SO_4}$$

[NOTE—If this volumetric solution is used in a qualitative application, such as pH adjustment, dissolution medium, or diluent, its standardization is not required.]▲ (USP 1-MAY-2019)

Auxiliary Information - Please check for your question in the FAQs before contacting USP.

Topic/Question	Contact	Expert Committee
0.01 N SULFURIC ACID VS	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

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