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## Acetic Acid, Diluted

(1 N Acetic Acid)—Dilute 60.0 mL of glacial acetic acid with water to make 1000 mL.

- **RESIDUE ON EVAPORATION:** Evaporate 50 mL on a steam bath, and dry the residue at 105° for 2 hours: the residue weighs not more than 1 mg (0.002%).
- **CHLORIDE** (Reagent test): Five mL shows not more than 0.01 mg of Cl (2 ppm).
- **SULFATE** (Reagent test, *Method I*): Ten mL shows not more than 0.5 mg of SO<sub>4</sub> (50 ppm).
- **HEAVY METALS** (Reagent test): Evaporate 20 mL on a steam bath to dryness. Add to the residue 2 mL of the acid, dilute with water to 25 mL, and add 10 mL of hydrogen sulfide TS: any brown color produced is not darker than that of a control containing 0.04 mg of added Pb and 2 mL of the diluted acetic acid (2 ppm).

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

Topic/Question	Contact	Expert Committee
ACETIC ACID, DILUTED	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

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