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## Thallous Chloride,

TlCl 239.84—Fine, white, crystalline powder. Soluble in about 260 parts of cold water and in about 70 parts of boiling water; insoluble in alcohol. *Poisonous; use with adequate ventilation.*

**Assay:** Dissolve about 500 mg, accurately weighed, in a mixture of 80 mL of water and 0.5 mL of sulfuric acid. When dissolution is complete, add 20 mL of hydrochloric acid. Heat to 60° and maintain this temperature while titrating with 0.1 N ceric sulfate VS, determining the endpoint potentiometrically, using silver-silver chloride and platinum electrodes. Each mL of 0.1 N ceric sulfate is equivalent to 11.99 mg of TlCl. Not less than 99% is found.

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

Topic/Question	Contact	Expert Committee
THALLOUS CHLORIDE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

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