

Status: Currently Official on 14-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: Reagents  
DocId: GUID-0F50406E-1DC1-4436-90AA-B07FA76C5F12\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF\\_R3147\\_01\\_01](https://doi.org/10.31003/USPNF_R3147_01_01)  
DOI Ref: xp8vu

© 2025 USPC  
Do not distribute

## Cupric Iodide TS, Alkaline

—Dissolve 7.5 g of cupric sulfate ( $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ ) in about 100 mL of water. In a separate container dissolve 25 g of anhydrous sodium carbonate, 20 g of sodium bicarbonate, and 25 g of potassium sodium tartrate in about 600 mL of water. With constant stirring, add the cupric sulfate solution to the bottom of the alkaline tartrate solution by means of a funnel that touches the bottom of the container. Add 1.5 g of potassium iodide, 200 g of anhydrous sodium sulfate, 50 to 150 mL of 0.02 M potassium iodate, and sufficient water to make 1000 mL.

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

Topic/Question	Contact	Expert Committee
CUPRIC IODIDE TS, ALKALINE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

**Current DocId:** [GUID-0F50406E-1DC1-4436-90AA-B07FA76C5F12\\_1\\_en-US](#)

**DOI:** [https://doi.org/10.31003/USPNF\\_R3147\\_01\\_01](https://doi.org/10.31003/USPNF_R3147_01_01)

**DOI ref:** [xp8vu](#)

