

Demonstration Download: Iodine Clock

ChemTeacher Demonstrations

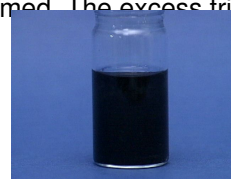
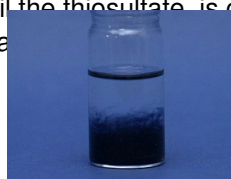
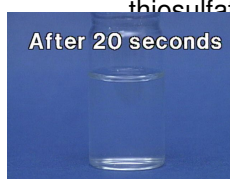
Iodine Clock

Author:



Most chemical changes involves color changes. The demo, "Iodine clock", is a classic color-changing reaction.

Futher Images:



A solution of hydrogen peroxide and sulfuric acid is added to a solution of iodide ion, thiosulfate ion, and starch. A slow reaction forms triiodide, which reacts rapidly with thiosulfate, until the thiosulfate is consumed. The excess triiodide then reacts with the

Materials

hydrogen peroxide and sulfuric acid solution;

iodide ion, thiosulfate ion, and starch solution;

Procedure

First put some of the solution of iodide ion, thiosulfate ion, and starch in a small beaker or glass bottle and then add the solution of hydrogen peroxide and sulfuric acid.

Notes

No Description available

Demonstration Time	minutes	Difficulty	Some laboratory experience required
Portions	Not specified	Availability of Materials	
Preparation Time		Cost of materials	