Increasing Efficiency of Electrolysis

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This experiment tests the efficiency of three different metal electrodes in the process of hydrolysis. The hypothesis of the experiment is that the catalysts will have an effect on the efficiency of the process of hydrolysis. The catalyst is used to coat the electrodes, which are then used in the process. The most efficient metal electrode is copper, which is more than 100% efficient, and surpassed the others by a large amount. The hypothesis was correct for all the electrodes, yet the iron electrode had the least effect, as it was the least efficient.

Awards Won: