



**CALIFORNIA STATE SCIENCE FAIR
2007 PROJECT SUMMARY**

Name(s) Ben J. Kaiser	Project Number J0508
Project Title Equilibrium and Le Chatelier's Principle	
Abstract Objectives/Goals The purpose of this experiment is to demonstrate Le Chatelier's Principle through various equilibrium equations dealing with concentration and temperature. Methods/Materials The first three sub-experiments test the effects on concentration on a system in equilibrium through the use of HCL and other stresses. The final sub-experiment deals with concentration and temperature on complex cobalt ions. Conclusions/Discussion Varified Le Chatelier's principles.	
Summary Statement If a system in equilibrium is disturbed by a stress, it will shift in order to counterbalace the system again.	
Help Received Worked at Ribet Academy's Chemistry Lab	