

Catalase Experiment Questions

- 1) In this experiment, what are you told to be careful of right near the beginning of the video?
- 2) Who first “noticed” Catalase and in what year?
- 3) Who named the “Catalase” enzyme and in what year?
- 4) Do you humans have the enzyme Catalase? Give an example of where catalase maybe most abundant?
- 5) How big (in cm) are the pieces of potatoes we use in this experiment?
- 6) Why is catalase important? What can it help prevent or slow down?
- 7) What organ in your body might have high levels of Catalase?
- 8) Why is one potato placed in boiling water? What does this do?
- 9) In this experiment, which test tube (1-4) produced the most reaction and why? What are the bubbles in this reaction?
- 10) What is this animal called? How does this animal use Catalase?



- 11) What term is used to explain why tubes 2 and 4 produce little to no results?