

## CWSF 2007 - Truro, Nova Scotia



### Emily Goernert

#### Which Mouthwash Best Reduces Oral Bacteria?

**Division:** Life Sciences / None

**Category:** Intermediate

**Region:** Western Manitoba

**City:** Brandon, MB

**School:** Vincent Massey

**Abstract:** In this study, I examined the effectiveness of mouthwash on reducing bacteria. I examined five mouthwash solutions, city water, saliva and isopropyl alcohol. The solutions were saturated on filter paper, placed in a petri dish with a sample of bacteria and incubated. The zone of inhibition was measured. The results show that a higher alcohol solution results in a greater zone of inhibition.

#### Biography

Hi ? my name is Emil Goernert. I am in the 10th Grade at Vincent Massey High School, in Brandon Manitoba. I enjoy watching the Brandon Wheat Kings in the Western Hockey League, and going to see movies with my friends. I play hockey for the Female Midget House Team, and for the Female Midget Wheat Kings AA Hockey Team. I am the goalie on both teams. I also play Rugby for the Vincent Massey Vikings. In my spare time, I like to go Skiing with my family at Owls Head, in the Eastern Townships of Quebec, Assesippi Ski Area and Winter Park in Russell, Manitoba, and Ski Valley in Minnedosa, Manitoba. My family and I enjoy our family vacations camping and boogie boarding along the shores of Cape Hatters Island, North Carolina.