

The Effect of Various Disinfectants on Bacteria

This website is a reliable source as it is detailed, the author displays a range of sources and references to back up her information whilst including a bibliography and acknowledgement to the people who helped her. She also seems like a educated person who is specialised in this area.

This website gave me the information and a summary of what my investigation would be like. It includes a purpose of why she does the experiment, the hypothesis and her independent and dependant variables. She also shows the equipment and substances she used including the quantities and measurements of them. The website also has a step by step guide on what to do for each procedure and the techniques she used. She gives a short explanation of the results and what happened including a detailed and labelled table and two bar charts. In the conclusion, she compares her hypothesis with her results and what she would have carried out differently, if she were to repeat the investigation to make her results more accurate and reliable. Finally, this source explains the characteristics of different bacteria and the effect on different disinfectants on bacteria and the history.

This source is relevant for my investigation as it shows exactly what procedures I should carry out, what equipment I need and what outcome I should expect. Also, the behaviour of different bacteria and disinfectants.

Chemik international

This website is a reliable source as it shows that the studies that are taken place are in a university, not just a website in which anyone can add to the information real or not (Wikipedia). It says that the research is taken place at in the Environmental Biotechnology Department, in the Silesian University of Technology, Poland.

This website gave me the information on which disinfectants are used to kill which bacteria. For example, hydrogen peroxide is used to disinfect wounds. The source also explains about their estimate of the effectiveness of chemical disinfection preparations. In addition, it explains some of the history of disinfectants and how different concentrations can act when added to bacteria. The website gives their aim of the experiment, the equipment they use and the methods they take with two results tables and a detailed discussion of the outcome. Finally they summarised it all up in a conclusion explaining what they did, their results and what and what factors would have made a difference to the results.

This source is not as relevant to my investigation as the other source because it does not use the same disinfectants I will be using, also the information is not as easy to follow as the other sources as it is just mostly words - very little diagrams.

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