

CALIFORNIA STATE SCIENCE FAIR 2013 PROJECT SUMMARY

Name(s)

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Project Number

J2022

Project Title

Which DoTerra Essential Oil Is Most Effective in Killing Bacteria in the Oral Area?

Abstract

Objectives/Goals My objective was to determine which DoTerra essential oil was the most effective in eliminating bacteria in the oral area

Methods/Materials

I used sterile swabs to wipe Bascilus Subtilis on petri dishes then dipped filter paper circles to dip in the essential oil and place in the petri dish. I then inverted them for 48 hours. Afterwards I gave my coach all the harmful bacteria for proper disposal.

Results

My study found that the DoTerra essential oil lemongrass killed the most bacteria but when tested against oral bacteria it killed little to no bacteria.

Conclusions/Discussion

In conclusion my research found that my project was incorrect. I should have used a wider range of oils, bacteria and nutrients. I also should have started my project sooner so I could have done more trials

Summary Statement

My project is about discovering which DoTerra essential oil is best to kill bacteria.

Help Received

Mom bought all supplies. Mrs. Loflin suggested what supplies to get and she read over my drafts.