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Lab wrap-up:

Was the use of ethanol on the lab bench useful in reducing the number of bacteria present?

Yes

Why were bacteria present on the hand after washing with soap and water?

Washing with soap and water does not make the hand sterile; it merely reduces the number of bacteria present.

Apply what you have learned:

Why was the liquid in the can found to be free of microbes?

Canned liquids like juice or soda are prepared to be free of microbial contamination.

What would you expect if the outside of the can was sampled instead?

The outside of the can would be covered in microbes.

Collected Lab Data

Number of Colonies Per Plate

Plate Label	Amount of Bacteria
Hand	Over 100
Hand Clean	1-50
Bench	50-100
Bench Clean	1-50
Keyboard	Over 100
Banana	None
Liquid From Can	None
Money	Over 100
