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Hon Bio 120

Results

The data was collected from samples taken from the ground floor men’s restroom in Chichester science building and placed in nutrient agar petri dishes which were incubated for a week. The size of colonies found from the outside of the door ranged from five centimeters to two centimeters in length (Figure 1). Rather the size of colonies that were found from the inside of the door only ranged from two centimeters to one centimeter in length (Figure 1). After examining the agar the colonies found on the petri dishes had zero elevation (Table 2). However, there was a small variety of colors found on our petri dishes including a range of white, orange, yellow, and green (Table 1).

**Figure 1: The size of colonies found from samples taken from the men’s bathroom door.** The data showed that there was minimal bacteria present on both inside and outside of the men’s bathroom door. The error bars represent the variety of colony sizes.

**Table 2: The elevation of colonies found from samples taken from the men’s bathroom door.** The data showed that there was minimal bacteria present on both inside and outside of the men’s bathroom door.

|  |  |  |  |
| --- | --- | --- | --- |
| **Plate** | **Control** | **Inside** | **Outside** |
| 1 | N/A | no elevation | no elevation |
| 2 | N/A | no elevation | no elevation |
| 3 | N/A | no elevation | no elevation |

|  |  |  |  |
| --- | --- | --- | --- |
| **plate** | **control** | **inside** | **outside** |
| 1 | no color | white | orange and light yellow |
| 2 | no color | no color | cloudy orange white and green yellow |
| 3 | no color | white | orange |

**Table 1: The color of colonies found from samples taken from the men’s bathroom door.** The data showed that there was minimal bacteria present on both inside and outside of the men’s bathroom door.