

# Interface Microbiology Services



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Lab Log # M18-050

## Microbiology Laboratory Report

**To:** Les Bridwell, Cleaner Solutions  
**From:** Daniel Price, Ph.D.  
Brandi Prestridge  
**Date:** 6 April 2018  
**Re:** Enrichment Culture for Bio-burden Assessment of Towel and Sheet Samples

### Introduction:

Towel and Sheet samples listed below were received on April 4, 2018 and processed that same day for bioburden assessment via enrichment culture and plate count.

- 1 Towel Cart Quality Linen
- 2 Towel Dryer Quality Linen
- 3 Sheet Cart Quality Linen

### Materials and Methods:

One-gram samples of the towel and sheet samples were diluted in 10 ml of sterile saline. The specimen containers were shaken vigorously for 1 minute and then 1.0 ml and 0.1 ml samples of the saline were plated onto Nutrient agar for bacteria and Potato Dextrose agar for cultivable fungi.

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## Results:

Sample	Bacterial Enrichment Nutrient Agar	Avg. CFU/g fabric	Fungal Enrichment	Avg. CFU/g fabric
1 Towel Cart Quality Linen	None	0	none	0
2 Towel Dryer Quality Linen	None	0	none	0
3 Sheet Cart Quality Linen	None	0	none	0

## Discussion:

Samples Towel Cart Quality Linen, Towel Dryer Quality Linen, and Sheet Cart Quality Linen yielded no growth under these culture conditions.

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