

PIP Allergy Free – Microbiological Validation

Location: Brussels, Belgium

Date: June 2007 – July 2007

Products used: PIP Allergy Free

Co-ordinator: Robin Temmerman

Goal of the test

To verify the efficacy of PIP Allergy Free for creating a safe and healthy microbial environment.

Results

The test was conducted on the bed linen of a hotel. The use of PIP Allergy Free on beds was compared with beds only receiving a regular cleaning.

The results showed that application of PIP Allergy Free resulted in colonization of the bed linen with the probiotic bacteria. The total bacterial count increased mainly due to this colonization.

The presence of coliform bacteria on the bed linen was lower for the beds that were treated with PIP Allergy Free compared to the beds receiving a regular cleaning. This indicates that a more hygienic environment had been created. On average, the presence of coliform bacteria was reduced by 50%.

The presence of *S. aureus* also dropped significantly during the treatment with PIP Allergy Free. This indicates that a safer environment had been created. On average the presence of *S. aureus* was reduced by 84%.

Conclusion

PIP Allergy Free creates a safer and more hygienic environment in hotel rooms and beds.