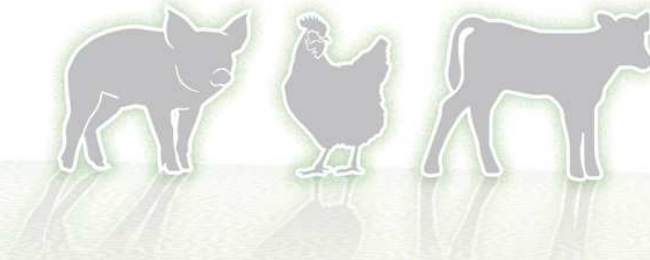




Protective biofilm

Improved microbial  
environment for safer  
animal production

# Compatibility test with Virkon S and Virocid





## Unitec Range of Detergents and Disinfectants



- **Testing Products and dilution rate**

Virkon S 1:100 (1%) – disinfectant

Virocid 1:200 (0.5%) – disinfectant

Kenosan 1:100 (1%) – detergent

HD3 1:100 (1%) – detergent

- **Application Volume:** 300 ml/sqm disinfectant/detergent solution

- **Experimental Design**

1. Virkon S – stand-alone

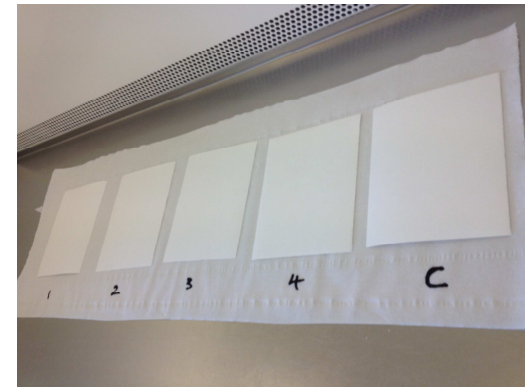
2. Virocid – stand-alone

## Experimental model

- **Requirement: standard protocol to test potential disinfectant residues on Lalfilm Pro survival**

Used surface: benchkote

- ✓ Standardization of the benchkote processing for microbial samples
- Dilution in 100ml + stomacher + dilution + plating

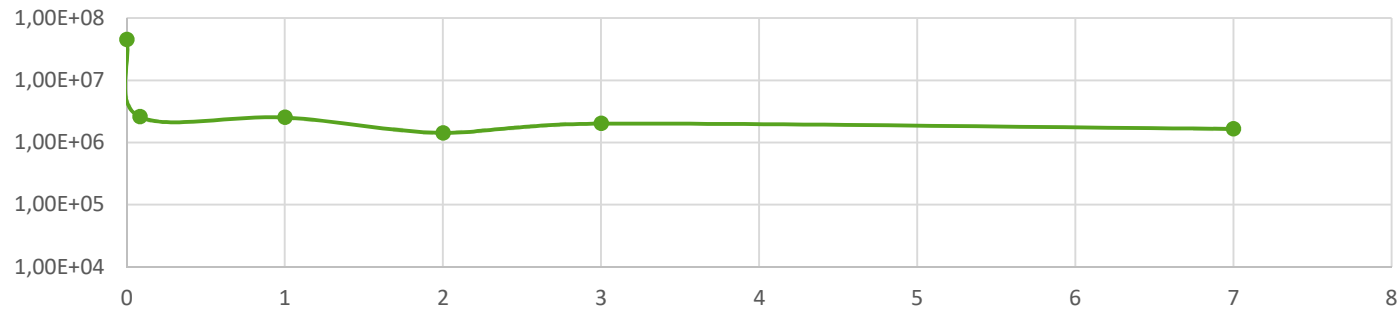


- Treatment with 1% of Virkon S or 0.5% of Virocid
- Wait 24h for surface drying
- Treatment with 0.1g/m<sup>2</sup> of LALFILM PRO
- Storage on Cat II biohazard cabinet for the first 3 days and then put the last sheet on the bench
- Follow-up of total flora (total number of cfu) on the benchkote at different timing

# 1) Results of compatibility after Virkon application

Cfu/benchkote

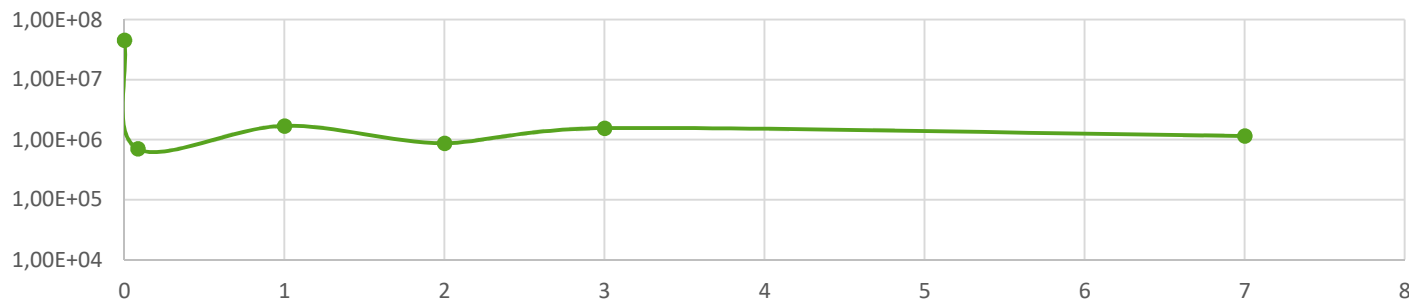
CONTROL



Days

Cfu/benchkote

LALFILM PRO after VIRKON



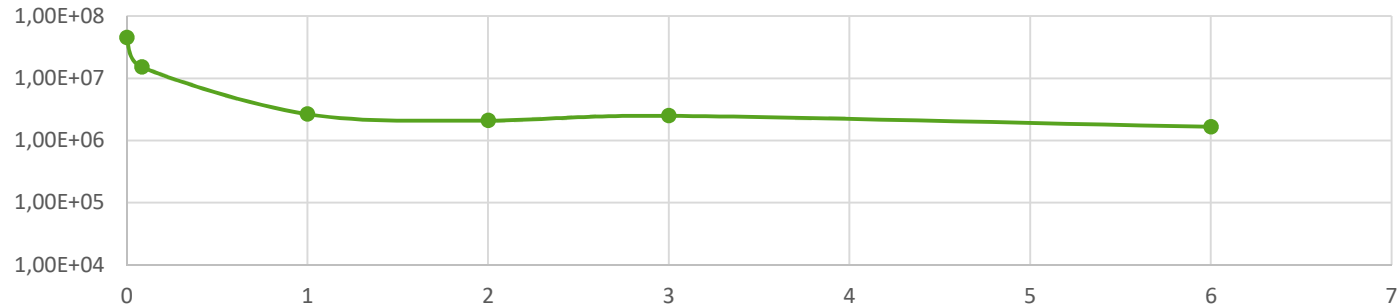
Days

✓ Virkon does not affect total flora development when applying Lalfilm Pro after 24h

# 1) Results of compatibility after Virocid application

Cfu/benchkote

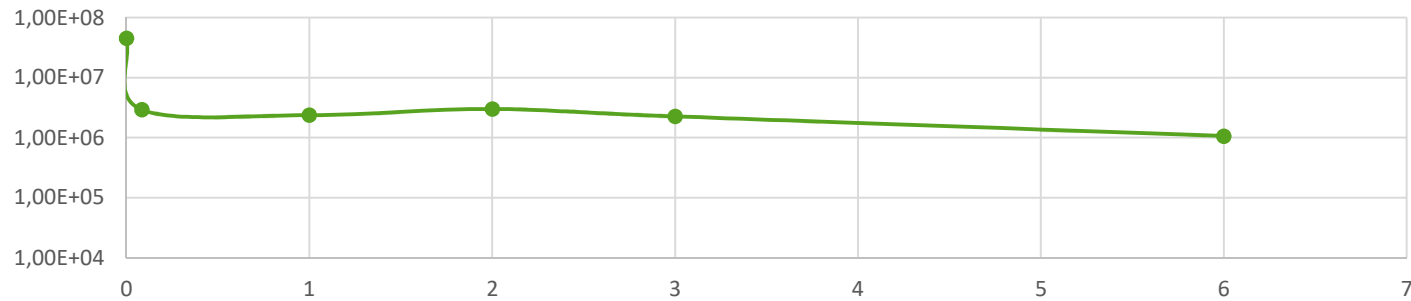
CONTROL



Days

Cfu/benchkote

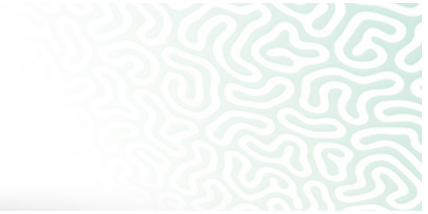
LALFILM PRO after VIROCID



Days

✓ Virocid does not affect total flora development when applying Lalfilm Pro after 24h





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