EXPERIMENTAL PART

Ghent; URL: Petrifilm

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(11) The probe tensile test was performed by application of the surface on the microbiological technique. A pression of 500 g is applied on the Petrifilm and the Petrifilm is tapered. The low detection rates are not in agreement with literature results (Salo et al., 2000 et 2002). Low detection rates may be explained by bacterial mortality during drying or by strong adherence to the surface.

The addition of tensioactive molecules to the inoculum has an impact on the recovery rate. They lower the interfacial tension and the capillary force acting on the bacteria during drying. Bacteria adhere less to the surface and are easier to recover.

The probe tensile test was performed by application of the surface on the microbiological technique. A pressure of 500 g is applied on the Petrifilm and the Petrifilm is tapered.

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