



**On-site biofilm
detection
is now
possible**

Simple • Fast • Efficient

Biofilm is a thin slimy film which can adhere to surfaces and consists mainly of organic polymers that house bacteria. Its high resistance to chemical cleaning and sanitation techniques makes this a constant and critical contamination threat. Realco's knowledge of enzymatic technology, combined with West Penetone's expertise with cleaning and sanitation have created an ideal solution for the detection, removal and prevention of biofilms

Now is the time to take advantage of this NEW SERVICE offered by West Penetone for detection, removal and prevention of biofilm formation in the agri-food industry.

REVOLUTIONARY METHOD FOR BIOFILM DETECTION

It is now possible to detect and visualize biofilm contamination on exposed surfaces thanks to a new staining technique developed by REALCO.

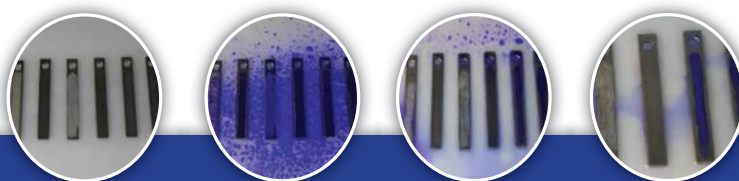
This technology is now available with our biofilm detection kit

The blue dye in the kit will specifically target and adhere to the polymeric extracellular substances which form the biofilm's protective matrix.



PROCEDURE

- 1) Rinse a 10cm x 10cm surface area with water and apply the blue solution (blue reagent 1). Allow to dwell 5 minutes.
- 2) Rinse off the excess reagent with water and apply the cleaning solution (reagent 2). Allow to dwell 5 minutes.
- 3) Scrub the colored surface to provide a light mechanical action to remove residual coloring and potential false positive results. Rinse the surface. Any remaining blue coloration confirms the presence of biofilm. To remove the biofilm blue stain, perform either an enzymatic treatment or apply an oxidant and allow to dwell until complete discoloration.



Spray • Wait • Rinse • Observe

