

# VERIFICATION

with 2-component technology



**Horpovel**<sup>®</sup>

**Efficient cleaning processes**



## Verification procedure of Horpovel® GmbH

**Biofilm monitoring and checking for residual organics  
after your cleaning process**

Within the scope of hazard analysis (requirement of IFS and HACCP), it is necessary to monitor and check performed cleaning processes with regard to your success.

Reasons for this are:

- The constantly increasing demands on hygiene and process optimization and
- the necessity to further develop and continuously optimize cleaning processes

Horpovel® GmbH now offers you the possibility to check your process plants for residual organics and biofilm.

### How?

We use **2-component technology** as an instrument that enables oxidative breakdown of organic deposits with parallel indicator reaction.



Management  
System  
ISO 9001:2015

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So more precisely:

1. An oxidant (**component 1**) is activated by alkalinity (**component 2**) at about 50°C and organic compounds are broken up.
2. Due to the breaking of the organic compound, the oxidant changes colour over the colour palettes from violet to blue/green to yellow.
3. Based on the turnover intensity of the colour, it can be determined whether organic compounds are present and if so, how many.

With the help of this technology, an effective and reproducible inspection of your process equipment is realized.

What added value does the technology of Horpovel® GmbH now offer your company?

1. Realization of a proper, qualitative inspection of your process plants for organic deposits after completion of your cleaning process.
2. Logging of the achieved result as a basis for your internal audit reports.
3. Optimization and adjustment of your cleaning process based on the data determined by us.

Are you also interested in the **2-component technology** of Horpovel® GmbH and would like to receive further information? Then please contact our head of sales and application technology, Martin Patzelt, by phone or e-mail, or our head office in Bochum.



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