



**Ecolab Deutschland GmbH  
Ecolab Allee 1  
D-40789 Monheim am Rhein**

certifies that for

**U.I. Lapp GmbH  
Schulze-Delitzsch-Straße 25  
70565 Stuttgart**

**material resistance tests**

were performed with cleaning/disinfecting substances **Topactive 200, Topactive 500, P3-topax 66, P3-topactive OKTO** and demineralized water as a zero reference factor.

The material resistance of the tested

**UNITRONIC® SENSOR HD M 12  
S/A cable: Hygienic Design for Food&Beverage**

to the P3 products used in the test can be considered to be positive according to the cleaning procedure mentioned overleaf.


Monheim am Rhein, 25<sup>th</sup> September 2017

**Ecolab Deutschland GmbH**

i.A.

  
Tanja Hackenberger

i. V.

  
Thomas Tyborski

## This certificate is based on:

- documented test procedures (test no.: PM 40-1 Rev 5) according to material resistance
- defined product descriptions
- test report for the Ecolab certification carried out at U.I. Lapp GmbH, Stuttgart, 07.2017

### Test procedure\* Ecolab-test PM 40-1 Effective 08.2016 – Rev 5

#### Dipping test:

- Complete immersion in solutions/liquid

#### Test period:

- 28 days

#### Temperature:

- constant room temperature (20-25°C)

#### Analysis:

- Visual judgement like swelling, brittleness, discoloring
- compared to zero-reference factor (demineralized water)
- Photo documentation
- Function test

### Product specifications:

#### P3-topactive OKTO:

Acid disinfectant based on peracetic acid/hydrogen peroxide for the food and beverage industries

#### Topactive 200:

Alkaline, chlorine-free foam cleaner in the food and beverage industries

#### Topactive 500:

Acid foam cleaning substance for the food and beverage industries

#### P3-topax 66:

Alkaline foam cleaning detergent with active chlorine for machine cleaning in the food and beverage industries

## Cleaning plan for food and beverage industry\*



### Rinsing with water 40 – 50°C

Rinsing with low pressure. Rinsing from top to bottom in the direction of the drains. Cleaning of the drains.



### Foaming from bottom to top

alkaline:	P3-topax 66	5 % daily
alternative	Topactive 200	5 % daily
acid:	Topactive 500	5 % on demand
temperature:	cold up to 50°C	
contact time:	15 min. recommended	



### Rinsing with water 40 – 50°C

Rinsing from top to bottom with low pressure

**Foam disinfection** P3-topactive OKTO      1-3 %, 10-30 min

Rinse after disinfection!