



**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 **P3-topactive 200, P3-topactive OKTO, P3-topax 52, P3-topax 66, P3-topax 990** and demineralized water as a zero reference factor.

The material resistance of the tested

**UNITRONIC® ROBUST
UNITRONIC® ROBUST C
UNITRONIC® ROBUST C (TP)
ETHERLINE® ROBUST**

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

Monheim am Rhein, 21th February 2017

Ecolab Deutschland GmbH

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This certificate is based on:

- documented test procedures (test no.: F&E/P3-E Nr. 40-1 Rev 3) according to material resistance
- defined product descriptions
- test report for the Ecolab certification carried out at U.I. Lapp GmbH, Stuttgart, 04.2015

Test procedure* Ecolab-test F&E Nr. 40-1

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

P3-topactive 200

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

P3-topax 52:

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

P3-topax 990:

Neutral foam disinfectant based on aminacetate

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	P3-topactive 200	5 % daily
acid:	P3-topax 52	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
or alternative P3-topax 990,	1-3 %, 10-30 min
Rinse after disinfection!	

*short description