



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

certifies

**Hottinger Brüel & Kjaer GmbH
Im Tiefen See 45
D-64293 Darmstadt**

the material resistance

were performed with cleaning/disinfecting substances **Topactive 200, Topactive 500, Topactive OKTO, P3-topax 66, P3-topax 990** and demineralized water as a zero reference factor.

The material compatibility of the tested products

Load Cells

- FIT5A
- PW15AH
- PW15PH
- PW25...
- PW37P...
- PW27...

Digital Transducer Electronics

- PAD...

Cable with Connector

- KAB173
- KAB175
- KAB177

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

Monheim am Rhein, 6th July 2023

Ecolab Deutschland GmbH

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This certificate is based on:

- documented test procedures (test no.: F&E/P3-E Nr. 40-1) according to material resistance
- defined product descriptions
- test report for the Ecolab certification carried out at SLG Prüf- und Zertifizierungs GmbH (Protocol No 6051-22-GG-22-PB001-PB008)

Test procedure

Ecolab-test F&E Nr. 40-1

Dipping test:

- Complete immersion in solutions/liquid

Test period:

- 28 days

Temperature:

- room temperature (constant)

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-topax 66

Alkaline foam detergent sanitizer with available chlorine for the food and beverage industries

P3-topax 990

Mild-alkaline, chlorine-free sanitizer for the food and beverage industries

Topactive 200

Alkaline, chlorine-free foam cleaner for the food and beverage industry

Topactive 500

Acid foam cleaning substance for 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:	Topactive 200 or P3-topax 66	2 - 5 % daily
acid:	Topactive 500	2 % 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 %, 10-30 min
alternative	P3-topax 990	1 %, 30 min



Rinse with potable water after disinfection!

*short description The final step of a cleaning regime is always a thorough water rinse!