



Kiwa®

Technical approval-with-product certificate

**K73951/04**

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Replaces K73951/03

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## Legionella prevention: electrochemical techniques

### STATEMENT BY KIWA

With this technical approval-with-product certificate, issued in accordance with the Kiwa Regulations for Product Certification, Kiwa declares that legitimate confidence exists that the products supplied by

### Holland Water B.V.

as specified in this technical approval-with-product certificate and marked with the Kiwa®-mark in the manner as indicated in "Marking" may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K14010-2/01 "Legionella preventions alternative techniques - part 2 electrochemical techniques copper-silver ionization and anodic oxidation" dated 2009-2-24.

Luc Leroy  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.1kiwa.com](http://www.1kiwa.com) in order to ensure that this certificate is still valid.*

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CERTIFICATE

28/K73951

## Legionella prevention: electrochemical techniques

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### PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate

- Bifipro ®
- Bifipro ® Cool

The capacity of the Bifipro ® and Bifipro ® Cool – systems can be expanded by assembling several electro chambers parallel in the drinking water installation.

The Bifipro ® and Bifipro ® Cool – systems will be delivered with corresponding manual.

### Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

### MARKING

The Kiwa®-mark products are marked with the word mark "KIWA 

Place of the mark: on the device

Compulsory specifications:

#### General

- Manufacturers mark/type of mark/logo
- Sort and type of connection breaks
- Identification of the year of manufacture
- Material applied
- Workload (PN)
- Capacity of the device

#### Copper Silver

- authorisation number Ctgb<sup>1</sup>
- serial number
- type flow cell

Method of marking:

- Non-erasable;
- visible after assembly.

### APPLICATION AND USE

The electrochemical techniques mentioned in this technical approval-with-product certificate are in accordance with Article 95 of the Biocidal Products Regulation by ECHA<sup>2 3</sup> and may be used in public drinking water and hot water installations for 'in-line' - disinfection. The installation shall be operated at a pressure of more than 1 MPa (10 bar) and a temperature specified by the manufacturer. The device associated with the electrochemical technique can be applied in the installations as follows:

- In the main supply pipe of the total installation;
- In the main supply pipe of a part of the installation.

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<sup>1</sup> Dutch legislation comparable with Article 95 of the Biocidal Products Regulation by ECHA

<sup>2</sup> The list with approved suppliers and substances can be found on:  
<https://echa.europa.eu/information-on-chemicals/active-substance-suppliers>

<sup>3</sup> Holland Water is part of Holland Environment Group

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### **RECOMMENDATIONS FOR CUSTOMERS**

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Holland Water B.V.
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.