



(Technical-approval-with-)product certificate
K73951/05

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Replaces K73951/04

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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 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 this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline:

BRL-K14010 part 2 "Legionella preventions alternative techniques – part 2 electrochemical techniques copper-silver ionization and anodic oxidation" dated 24-02-2009.

Within the framework of this (technical-approval-with-)product certificate Kiwa does not impose any inspections with regard to the production of other parts of the (product), nor the manufacturing of the (product) itself.

Ronald Karel
Kiwa

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

ATTESTATION

28/4/19/06/10

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

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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

The pipes and fittings used in this system are approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" dated 2011; ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"; published in the Government Gazette). The criteria for these hygienic aspects are recorded in the respective product certificates.

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 Ctgb¹;
- 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 ECHA² ³ 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 maximum 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 supply pipe of a part of the installation.

¹ Dutch legislation comparable with Article 95 of the Biocidal Products Regulation by ECHA

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

³ 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, transport and processing methods.