

# QUANTOFIX® Chlorine dioxide Sensitive 1

## Description:

QUANTOFIX® Chlorine dioxide Sensitive 1 are test strips for the semi-quantitative determination of chlorine dioxide ( $\text{ClO}_2$ ) content in the concentration range of 0.05 – 1.2 mg/L in aqueous solutions.

## Contents:

1 aluminum tin with 25 test strips

## Measuring range:

0.05 – 1.2 mg/L chlorine dioxide

## Color gradations:

0 · 0.05 · 0.1 · 0.2 · 0.4 · 0.8 · 1.2 mg/L chlorine dioxide

## Reaction principle:

Chlorine dioxide reacts with organic redox indicator systems to form blue-green oxidation products.

## General information:

Always remove only the number of test strips needed. Immediately close the tin after removing test strips. Do not touch the test field. Protect test strips from moisture.

## Instructions for use:

1. Dip the test strip into the test solution, moving back and forth for 30 seconds.
2. Shake off excess liquid.
3. Wait 30 seconds.
4. Place the test strip next to the color scale on the label. Compare the test field through the hole with the color scale. The opening at the end of the strip is **not** used for the interpretation.

## Interpretation:

If chlorine dioxide is present, the test field turns blue-green. Discolorations after the reaction time should no longer be taken into consideration for the interpretation.

## Interferences:

Oxidizing substances other than chlorine dioxide can also lead to a positive color reaction.

## Disposal:

Dispose of used test strips in household waste.

## Storage conditions:

Protect test strips from sunlight and moisture. Store tin in a cool and dry location (storage temperature 4 – 30 °C).

If stored properly, the test strips can be stored until the printed expiry date.

