

# QUANTOFIX<sup>®</sup> Nitrite 3000

## Pack content:

1 aluminum container with 100 test strips

## Measuring range:

0.1–3 g/L NO<sub>2</sub><sup>-</sup>

## Color gradation:

0 · 0.1 · 0.3 · 0.6 · 1 · 2 · 3 g/L NO<sub>2</sub><sup>-</sup>

## General indications:

Remove only as many test strips as are required. Close the container immediately after removing a strip. Do not touch the test field.

## Instructions for use:

1. Dip the test strip into the test solution (pH 2–12) for 1 s.
2. Shake off excess liquid.
3. Wait 60 s.
4. Compare with the color scale. If nitrite ions are present, the test field turns orange to red.

## Interferences:

Strongly acidic solutions must be buffered with diluted soda lye, and strongly alkaline solutions with diluted sulfuric acid to a pH of 4–6.

The following ions interfere with the reading only in higher concentrations:

> 1000 mg/L Ag<sup>+</sup>, Al<sup>3+</sup>, Ba<sup>2+</sup>, Be<sup>2+</sup>, Ca<sup>2+</sup>, Cd<sup>2+</sup>, Co<sup>2+</sup>, Cr<sup>3+</sup>, Cu<sup>2+</sup>, Hg<sup>+2+</sup>, K<sup>+</sup>, Mg<sup>2+</sup>, Mn<sup>2+</sup>, NH<sub>4</sub><sup>+</sup>, Na<sup>+</sup>, Ni<sup>2+</sup>, Pb<sup>2+</sup>, Sr<sup>2+</sup>, TI<sup>+</sup>, Zn<sup>2+</sup>, acetate, citrate, oxalate, tartrate, EDTA, Br<sup>-</sup>, CO<sub>3</sub><sup>2-</sup>, Cl<sup>-</sup>, ClO<sub>3</sub><sup>-</sup>, ClO<sub>4</sub><sup>-</sup>, NO<sub>3</sub><sup>-</sup>, PO<sub>4</sub><sup>3-</sup>, SO<sub>3</sub><sup>2-</sup>, SO<sub>4</sub><sup>2-</sup>, S<sub>2</sub>O<sub>5</sub><sup>2-</sup>, SeO<sub>3</sub><sup>2-</sup>,

> 500 mg/L Bi<sup>3+</sup>, Fe<sup>2+/3+</sup>, CN<sup>-</sup>, CrO<sub>4</sub><sup>2-</sup>, F<sup>-</sup>, MnO<sub>4</sub><sup>-</sup>, S<sub>2</sub>O<sub>3</sub><sup>2-</sup>, > 100 mg/L As<sup>3+</sup>, Li<sup>+</sup>, Sn<sup>2+</sup>, ascorbate, S<sub>2</sub><sup>-</sup>, SCN<sup>-</sup>, S<sub>2</sub>O<sub>4</sub><sup>2-</sup>.

## Disposal:

Used test strips can be placed in the normal household waste

## Storage:

Avoid exposing the strips to sunlight and moisture. Keep container cool and dry (storage temperature not above +30 °C).

If correctly stored, the test strips may be used until the use-by-date printed on the packaging.

## Product data and ordering information

Type	Semi-quantitative test strips
Presentation	Tube of 100 test strips
Color reaction	yellow to red
Gradation	0 · 100 · 300 · 600 · 1000 · 2000 · 3000 mg/l (ppm) NO <sub>2</sub> <sup>-</sup>
REF	91322

