

# QUANTOFIX® Nitrite

## Pack content:

1 aluminum container with 100 test strips

## Measuring range:

Visually Reflectometrically  
1 – 80 mg/L  $\text{NO}_2^-$  0.5 – 80 mg/L  $\text{NO}_2^-$

## Color gradation:

0 · 1 · 5 · 10 · 20 · 40 · 80 mg/L  $\text{NO}_2^-$

## Hazard warnings:

This test does not contain hazardous substances that must be labelled.

## 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 1 – 13) for 1 s.
2. Shake off excess liquid.
3. Wait 30 s.
4. Compare with the color scale. If nitrite ions are present, the test field will turn red-violet.

## Interferences:

Strong acid solutions (pH < 1) have to be buffered with sodium acetate; strong alkaline solutions (pH > 13) have to be set to a pH value of 3–5 using citric acid. The following ions interfere with the determination in higher concentrations:

> 1000 mg/L  $\text{Br}^-$ ,  $\text{BrO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{ClO}_3^-$ ,  $\text{F}^-$ ,  $\text{I}^-$ ,  $\text{Mo}_7\text{O}_{24}^{6-}$ ,  $\text{NO}_3^-$ ,  $\text{OCN}^-$ ,  $\text{PO}_4^{3-}$ ,  $\text{SO}_4^{2-}$ ,  $\text{SO}_3^{2-}$ ,  $\text{SeO}_3^{2-}$ ,  $\text{WO}_4^{2-}$ , acetate, oxalate, tartrate, citrate, succinate,  $\text{Ag}^+$ ,  $\text{Al}^{3+}$ ,  $\text{As}^{3+}$ ,  $\text{Ba}^{2+}$ ,  $\text{Be}^{2+}$ ,  $\text{Co}^{2+}$ ,  $\text{Cd}^{2+}$ ,  $\text{Cr}^{3+}$ ,  $\text{Cu}^{2+}$ ,  $\text{Hg}^{2+}$ ,  $\text{K}^+$ ,  $\text{Li}^+$ ,  $\text{Mg}^{2+}$ ,  $\text{Mn}^{2+}$ ,  $\text{Na}^+$ ,  $\text{Ni}^{2+}$ ,  $\text{Pb}^{2+}$ ,  $\text{Sb}^{3+}$ ,  $\text{Tl}^+$ ,  $\text{Zn}^{2+}$ , > 250 mg/L  $\text{S}_2\text{O}_3^{2-}$ ,  $\text{S}_2\text{O}_5^{2-}$ , > 100 mg/L  $[\text{Fe}(\text{CN})_6]^{4-}$ ,  $\text{S}_2\text{O}_4^{2-}$ ,  $\text{SCN}^-$ , ascorbates.

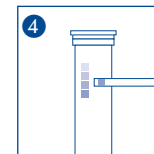
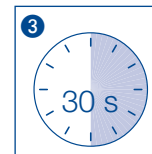
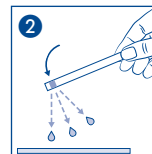
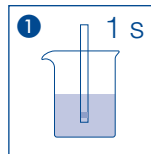
## Disposal:

Information regarding disposal can be found in the safety data sheet. You can download the SDS from [www.mn-net.com/SDS](http://www.mn-net.com/SDS).

## Storage:

Avoid exposing the strips to sunlight and moisture. Keep container cool and dry (storage temperature 4–30 °C).

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



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Rev: 2025-03