QUANTOFIX® Nitrite

Pack content:
1 aluminum container with 100 test strips

Measuring range:

Visually	Reflectometrically
1–80 mg/L NO_2^-	0.5–80 mg/L NO_2^-

Color gradation:
0 · 1 · 5 · 10 · 20 · 40 · 80 mg/L NO_2^-

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.

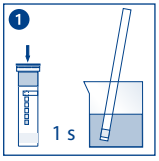
Instructions for use:
1. Dip the test strip into the test solution (pH 1–13) for 1 s.
2. Shake off excess liquid.
3. Wait 30 s.
4. Compare with the color scale.

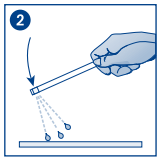
If nitrite ions are present, the test field will turn red-violet.

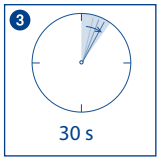
Interferences:
Strong acid solutions (pH < 1) have to be buffered with sodium acetate; strong alkaline solutions (pH > 13) have to be set to a pH value of 3-5 using citric acid. The following ions interfere with the determination in higher concentrations:
> 1000 mg/L Br^-, BrO_3^-, Cl^-, ClO_3^-, F^-, I^-, $Mo_7O_{24}^{6-}$, NO_3^-, OCN^-, PO_4^{3-}, SO_4^{2-}, SO_3^{2-}, SeO_3^{2-}, WO_4^{2-}, acetate, oxalate, tartrate, citrate, succinate, Ag^+, Al^{3+}, As^{3+}, Ba^{2+}, Be^{2+}, Co^{2+}, Cd^{2+}, Cr^{3+}, Cu^{2+}, Hg^{2+}, K^+, Li^+, Mg^{2+}, Mn^{2+}, Na^+, Ni^{2+}, Pb^{2+}, Sb^{3+}, Tl^+, Zn^{2+}, > 250 mg/L $S_2O_3^{2-}$, $S_2O_5^{2-}$, > 100 mg/L $[Fe(CN)_6]^{4-}$, $S_2O_4^{2-}$, SCN^-, ascorbates.

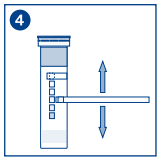
Disposal:
Used test strips can be placed in the normal household waste

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	white to red-violet
Range	0 · 1 · 5 · 10 · 20 · 40 · 80 mg/l (ppm) NO_2^- (Nitrite)
REF	91311

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Manufacturer: Macherey-Nagel GmbH & CO. KG

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