

REF 985 668

Robot

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Test 6-68

02.15

NANOCOLOR[®] Nitrite 2

Method:

Photometric determination with sulfanilamide and *N*-(1-naphthyl)ethylenediamine

Range:	0.003–0.46 mg/L NO₂-N	0.02–1.5 mg/L NO₂⁻
Wavelength (HW = 5–12 nm):	540 nm	

Contents of reagent set:

20 test tubes Nitrite 2

1 test tube with 6 mL Nitrite 2 R2

Hazard warning:

Reagent R2 contains citric acid 20–40 %.

For further information ask for a safety data sheet.

Preliminary tests:

If the order of magnitude of the concentration in a sample is not known, a preliminary test with QUANTOFIX[®] Nitrite (1–80 mg/L NO₂⁻, REF 913 11) rapidly gives this information. From the order of magnitude the required dilution can be calculated and prepared directly.

Interferences:

Free chlorine, organic colloids and humic acids can cause interference.

The following ions will not interfere: ≤ 3 mg/L Fe(III), Cr(VI).

The method can be applied also for the analysis of sea water.

Analytical quality control:

NANOCONTROL Nitrite (REF 925 68)