

QUANTOFIX® Ammonium

Pack content:

- 1 aluminium container with 100 test strips
- 2 bottles NH_4^+-1
- 1 measuring vessel with 5 mL mark

Measuring range:

- | | |
|-----------------------------|-----------------------------|
| Visually | Reflectometrically |
| 10–400 mg/L NH_4^+ | 10–350 mg/L NH_4^+ |

Color gradation:

0 · 10 · 25 · 50 · 100 · 200 · 400 mg/L NH_4^+

Safety precautions:

Reagent NH_4^+-1 contains sodium hydroxide solution 32 % CAS 1310-73-2. DANGER Causes severe skin burns and eye damage. Do not breathe vapors. Wear protective gloves/eye protection. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. For further information, please ask for safety data sheet (see www.mn-net.com/MSDS).

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.

Additional indications:

The yellow colouration of the unused test fields is normal and does not indicate any decomposition of the reagents.

Instructions for use:

1. Rinse the measuring vessel with the test solution and fill it to the 5 mL mark.
2. Add 10 drops NH_4^+-1 (sodium hydroxide solution) to the sample.
3. Shake carefully.
4. Dip the test strip into the test solution for 5 s.
5. Shake off excess liquid.
6. Compare with the color scale.

If ammonium ions are present, the test field turns orange.

Interferences:

This test is intended for the detection of ammonium in surface and drinking water and in industrial waste water which do not contain high concentrations of interfering ions, such as water hardeners (calcium, magnesium), iron and sulfide ions. The determination of ammonium is not impaired by the following maximum foreign substance concentrations: 10.000 mg/L S^{2-} , 1000 mg/L Cl^- , Mg^{2+} , SO_4^{2-} , 100 mg/L Ca^{2+} , 10 mg/L Fe^{2+}

Disposal:

The used test strips must be collected for special hazard waste treatment.

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.

