

# QUANTOFIX® Potassium

## Pack content:

- 1 aluminum container with 100 test strips
- 2 bottles  $K^+$ -1
- 2 test tubes

## Measuring range:

200 – 1500 mg/L

## Color gradation:

0 · 200 · 400 · 700 · 1000 · 1500 mg/L

## 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 orange-red coloration of the unused test fields is normal and does not indicate any decomposition of the reagents.

## Instructions for use:

1. Place the test tube into the cavity of the thermoformed mold.
  2. Add 10 drops  $K^+$ -1 (0.7 % nitric acid).
  3. Dip the test strip into the neutral sample for 1 second.
  4. Shake off excess liquid.
  5. Place the test strip into the test tube.
  6. Wait 60 seconds.
  7. Shake off excess liquid.
  8. Compare test field with the color scale.
- If potassium ions are present, the test field turns yellow to orange-red.

## Interferences:

Sodium ions in concentrations > 3000 mg/L lead to a fading of the color reaction with corresponding low test results. The following ions in the indicated concentrations do not interfere:

< 1000 mg/L  $Al^{3+}$ ,  $Ba^{2+}$ ,  $Bi^{3+}$ ,  $Ca^{2+}$ ,  $Fe^{2+/3+}$ ,  $Mg^{2+}$ ,  $Mn^{2+}$ ,  $Sr^{2+}$ ,  $Zn^{2+}$

< 200 mg/L  $NH_4^+$ ,  $Hg^{2+}$ ,  $Tl^+$

< 25 mg/L  $S^{2-}$

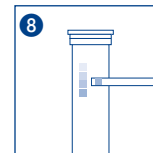
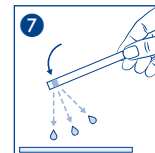
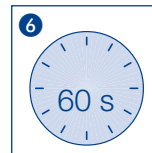
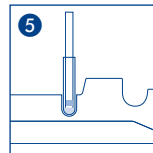
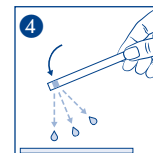
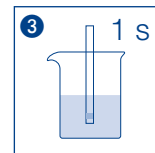
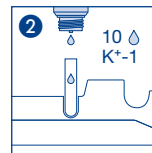
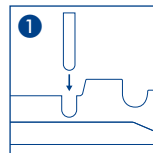
## Disposal:

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 kit may be used until the use-by-date printed on the packaging.



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