

QUANTOFIX® Formaldehyde

Pack content:

1 aluminium container with 100 test strips 2 bottles Formaldehyde-1
1 measuring vessel with 5 mL mark

Safety precautions:

Formaldehyde-1 contains sodium hydroxide solution 20–55% 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.

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. Rinse the measuring vessel with the test solution and fill it to the 5 mL mark.
2. Add 10 drops Formaldehyde-1.
3. Shake carefully.
4. Dip the test strip into the test solution for 1 second.
5. Shake off excess liquid.
6. After exactly 60 seconds, compare the test field with the color scale.

Interferences:

Other aldehydes, such as acetaldehyde or glutaraldehyde, interfere only in higher concentrations showing a color deviation of the test field. In presence of acetone, there is no reaction. Strong oxidizing and reducing agents lead to a fading of the color reaction with corresponding low test results.

Note:

If the test strip shows a formaldehyde value of 200 mg/L, the concentration may actually be higher. In this case, we recommend carrying out a stepwise dilution of the sample with water, to bring the formaldehyde content into the measuring range of the test paper. The dilution factor must be taken into account when calculating the formaldehyde content.

Disposal:

Dispose of used strips at an authorised hazardous waste collection point.

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 kit 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 with reagents
Color reaction	beige to blue-violet
Gradation	0 · 10 · 20 · 40 · 60 · 100 · 200 mg/l (ppm) Formaldehyde
REF	91328

