

QUANTOFIX® EDTA

Description:

Complexing agents such as EDTA (ethylenediaminetetraacetate) are frequently used as additives in washing and cleaning agents, cosmetics, the photo and paper industries. Since such additives are poorly biodegradable, the dosage used must be carefully measured. QUANTOFIX® EDTA facilitates checking the concentration. Furthermore, the absence of such complexing agents can also be established with these test strips.

Pack content:

1 aluminum container with 100 test strips

Measuring range:

100–400 mg/L mg/L EDTA

Color gradation:

0 · 100 · 200 · 300 · 400 mg/L EDTA

Additional indications:

The orange coloration of the unused test field is normal and does not indicate any decomposition of the reagents.

Check pH to ensure it's between 1 and 7. Otherwise, adjust the pH accordingly.

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.

Hazard warnings:

This test does not contain hazardous substances that must be labelled.

Instructions for use:

1. Dip the test strip into the test solution for 1 s.
2. Shake off excess liquid.
3. Wait 15 s.
4. Compare with the color scale. If EDTA is present, the test field turns orange to yellow depending on the concentration. Should EDTA not be present, the test field turns red.

Additional information:

The following complexing agents can also be tested with this method:

- Nitriiotriacetic acid (NTA, commercial name: Titriplex® I)
 - 1,2-Cyclohexylenedinitriiotetraacetic acid (commercial name: Titriplex® IV)
 - Diethylenetriaminepentaacetic acid (commercial name: Titriplex® V)
 - Bis(aminoethyl)-glycoether-N,N,N',N'-tetraacetic acid (commercial name: Titriplex® VI)
- Conversion factor: 1 mg/L EDTA = 0.7 mg/L NTA

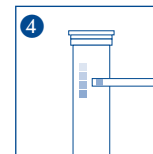
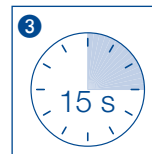
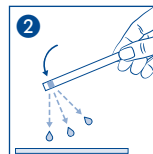
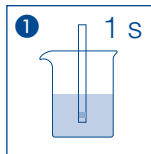
Disposal:

Information regarding disposal can be found in the safety data sheet. You can download the SDS from 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 strips may be used until the use-by-date printed on the packaging.



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