

QUANTOFIX[®] EDTA

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 aluminium container with 100 test strips

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 colouration of the unused test field is normal and does not indicate any decomposition of the reagents.

Instructions for use:

1. Check pH to ensure it's between 1 and 7. Otherwise, adjust the pH accordingly.
2. Dip the test strip into the sample for 1 second.
3. Shake off excess liquid.
4. Wait 15 seconds.
5. Compare test field with the colour 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.

Note:

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

- Nitritotriacetic acid (NTA, commercial name: Titriplex[®] I)
- 1,2-Cyclohexylenedinitritotetraacetic 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

Storage:

Avoid exposing the strips to sunlight and moisture. Keep container cool and dry (store below +30°C).

Product data and ordering information

Type	Semi-quantitative test strips
Presentation	tube of 100 test strips
Color reaction	red to yellow
Gradation	0 · 100 · 200 · 300 · 400 mg/l (ppm) EDTA
REF	91335

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