

## Contents:

- 1 Aluminium container with 100 test sticks
- 1 Bottle Iron-1
- 1 Measuring tube with 5 ml mark
- 1 Small measuring spoon

## Hazard warning:

This test does not contain any harmful substances which must be specially labelled as hazardous.

## Method of application:

1. Rinse measuring tube with the sample (pH 1-7) and fill to the mark.
2. Add one spoon of Iron-1 and shake carefully.
3. Remove only as many test sticks as are required, and reseal the container immediately after use. **Do not touch the test paper zone.**
4. Dip the test stick briefly into the prepared test solution and after 20 seconds compare the test paper zone with the colour scale. In the presence of iron the test paper turns blue.

The above method is for the determination of total iron (II and III). To determine only the iron (II) concentration, dip test sticks directly into the acidic sample solution (without adding Iron-1).

## Interferences:

A number of heavy metal-ions, when present in larger concentrations, can cause slight discolourations. These can be eliminated by addition of a small quantity of cadmium powder.

## Storage:

Avoid exposing the sticks to sunlight and moisture. Store the kit below +30 °C in a dry place.