

PERACETIC ACID test

Method

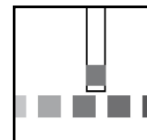
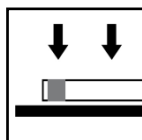
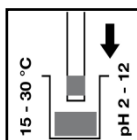
The concentration of peracetic acid is measured semi-quantitatively by visual comparison of the reaction zone of the test strip with the fields of a color scale.

Preparation

Samples containing more than 50 mg/l peracetic acid must be diluted with water

The pH of the sample must be within the range 2 - 10. Adjust, if necessary, with sodium hydroxide solution or hydrochloric acid.

Procedure



1. Immerse the reaction zone of the test strip in the pretreated sample (**15 - 25 °C**) for **1 sec**.
2. Allow excess liquid to run off via the long edge of the strip onto an absorbent paper towel
3. Wait **5 sec**
4. Determine with which color field on the label the color of the reaction zone coincides most exactly. Read off the corresponding concentration or, if necessary, estimate an intermediate value.

Mg/l peracetic acid						
	0	5	10	20	30	50
ppm CID 2000	0	100	200	400	600	1000
ppm KICKSTART	0	100	200	400	600	1000

Results

Result of analysis = measurement value x dilution factor

Note

Every blue coloration within 3 min can be interpreted as a positive result. If the color of the reaction zone is equal to or more intense than the darkest color on the scale or if another color emerges, repeat the measurement using fresh samples diluted with distilled water until a value of less than 50 mg/l peracetic acid is obtained. Reclose the tube containing the test strips immediately after use.