

Test strips for semi-quantitative determinations

Description of individual parameters and tests

AQUADUR®

AQUADUR® are test strips for the determination of water hardness. Clear color changes from green to red ensure an accurate readout. Individually sealed AQUADUR® test strips can perfectly be combined with promotion activities to inform customers about the necessity of water softeners. Instructions for use are printed on the seal. Due to the clear design with green / red indication, the result can be read without color chart.

The hardness of water depends on its content of calcium and magnesium salts. The total sum of these salts determines the hardness of water. In the USA, it is expressed in terms of ppm (mg/L) CaCO₃.

Water is often simply classified as “soft water“, or “hard water“ etc. The following values generally apply to these terms:

- below 50 ppm CaCO₃ – very soft water
- 50–120 ppm CaCO₃ – soft water
- 120–240 ppm CaCO₃ – medium hard water
- 240–360 ppm CaCO₃ – hard water
- above 360 ppm CaCO₃ – very hard water

AQUADUR® Sensitive

REF 912 10

This test allows the rapid and reliable detection of very low water hardness. The easy Dip & Read procedure provides a reliable result within 20 seconds.

In dialysis centres AQUADUR® Sensitive is used to check feed water. Low levels of water hardness are necessary to ensure optimal function of further water purification such as reversed osmosis.

This test is CE-marked according to the directive for medical products 93/42/EWG for use in dialysis.

Ordering information

Gradation	Color change	Presentation	REF
< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO ₃	green → red	Box of 100 test strips 6 x 95 mm	912 01
< 54 · > 72 · > 126 · > 252 · > 378 ppm CaCO ₃	green → red	Box of 100 test strips 6 x 95 mm	912 20
< 54 · > 72 · > 151.2 · > 252 ppm CaCO ₃	green → red	Box of 100 test strips 6 x 95 mm	912 39
< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO ₃	green → red	1000 test strips 5 x 75 mm, individually sealed (22 x 95 mm) with scale	912 23
< 54 · > 72 · > 126 · > 252 · > 378 ppm CaCO ₃	green → red	1000 test strips 5 x 75 mm, individually sealed (22 x 95 mm) with scale	912 24
< 54 · > 72 · > 151.2 · > 252 · > 378 ppm CaCO ₃	green → red	1000 test strips 5 x 75 mm, individually sealed (22 x 95 mm) with scale	912 40
< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO ₃	green → red	5000 test strips, without scale	912 21
< 54 · > 72 · > 126 · > 252 · > 378 ppm CaCO ₃	green → red	5000 test strips, without scale	912 22
< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO ₃	green → red	Set of 3 individually sealed test strips, pack of 50 sets	912 902
AQUADUR® Sensitive			
0 · 5.4 · 10.8 · 19.8 ppm CaCO ₃ CE	light beige → blue	Box of 100 test strips 6 x 95 mm	912 10
CE : CE-marked according to the directive for medical products 93/42/EWG			

