

Description:

AQUADUR® Sensitive are test strips for the semiquantitative analysis of low water hardness, after amongst other things the softening of water that is used for example to feed the reverse osmosis unit when preparing dialysis liquid. Water hardness means the content of calcium and magnesium ions in the water, which is expressed in ppm (mg/L) calcium carbonate (CaCO₃), °d (degree German hardness) or °e (degree English hardness) (conversion factor: 1 °d = 17.8 ppm CaCO₃ = 1.25 °e).

Pack content:

1 aluminum container with 50 test strips

Measuring range:

5–20 ppm CaCO₃ (0.3–1.1 °d or 0.375–1.375 e)

Color gradation:

0 - 5 · 10 · 20 ppm CaCO₃ (0 · 0.3 · 0.6 · 1.1 °d or 0 · 0.375 · 0.75 · 1.35 °e)

Reaction principle:

Determining the water hardness is based on the complexing reaction between calcium and magnesium ions and ethylenediaminetetraacetic acid (EDTA) disodium salt.

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.

Instructions for use:

1. Dip the test strip into the test solution for 5 seconds.
2. **Gently** shake off excess liquid.
3. Wait 15 s.
4. Compare test field with the color scale. Take the value which matches closest with the discolored test field (reading accuracy: +/- ½ colored field of the scale).
Color changes after reaction time must not be considered for the evaluation of the test results.

Quality Control:

To check the correct functioning of the test strips, use untreated tap water with a hardness degree of > 1 °d / > 1.25 °e (17.8 ppm CaCO₃). The exact quantitative analysis may be carried out with a titration test kit (e.g. *VISOCOLOR® HE* total hardness H2, REF 915002). To carry out the positive control, create a test solution of 0.6 °d / 0.75 °e (10 ppm CaCO₃) by thinning tap water with totally softened water. Then use the test strip to measure. If the control solution produces a negative result even after repeating the process, then the remaining unused test strips must be discarded. Even during a negative control (inserting a test strip into totally softened water), no positive discoloration may occur. Possible reasons for both faults may be that the expiry date has been exceeded, the test strip container has been left open for too long or the test strips have been stored incorrectly.

Interferences:

The test will not be adversely affected by the presence of up to 50 mg/L chlorine or 500 mg/L hydrogen peroxide.

AQUADUR® Sensitive may be used to determine the hardness of drinking water. In other solutions, however, inaccurate results may occur.

Water that is to be tested should be at room temperature.

Additional information:

The test strip container stopper contains a non-toxic drying agent. If swallowed, drink plenty of water.

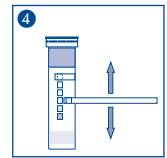
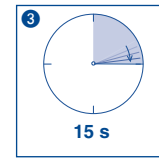
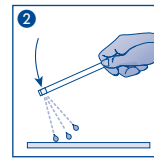
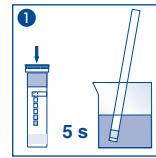
Disposal:

Used test strips can be placed in the normal household waste.

Storage:

Avoid exposing the strips to sunlight and moisture. Keep container cool and dry (storage temperature not above +30 °C).

If correctly stored, the test strips may be used until the use-by-date printed on the packaging.



	Diese Teststreifen entsprechen der Richtlinie für Medizinprodukte 93/42/EWG / These test strips conform to the Medical Device Directive 93/42/EEC. / Ces languettes test sont conformes à la directive 93/42/CEE relative aux dispositifs médicaux / Tiras reactivas fabricadas en conformidad con la directiva de productos sanitarios 93/42/CEE. / Deze teststrips voldoen aan de richtlijn voor medische producten 93/42/EEG. / Le presenti strisce reattive sono conformi alla direttiva 93/42/CEE sui dispositivi medici. / Te paski testowe są zgodne z dyrektywą dla wyrobów medycznych 93/42/EWG.		
	Nicht wiederverwenden / Do not reuse / Ne pas réutiliser / Producto de un solo uso / Niet hergebruiken / Non riutilizzare / Nie używać ponownie		Hersteller / Manufacturer / Fabricant / Fabricante / Fabrikant / Fabricatore / Producent
	Artikelnummer / Item number / Référence produit / Referencia / Artikelnummer / Numero di catalogo / Numer artykułu		Chargencode / Batch identification / Numéro de lot / Código de lote / Productienummer / Codice del lotto / Numer partii
	Achtung! / Warning! / Attention! / ¡Atención! / Let op! / Attenzione! / Uwaga!		Verwendbar bis / Use by / À utiliser avant / Fecha de caducidad / Te gebruiken tot / Utilizzare entro (anno / mese) / Przydatność do użycia
	Temperaturbegrenzung / Permitted storage temperature range / Limites de température / Limites de temperatura / Temperatuurbegrenzung / Limite de temperatura / Ograniczenie temperatury		Trocken aufbewahren / Store in a dry place / Conserver au sec / Mantener seco / Op een droge plaats bewaren / Mantenere asciutto / Przechowywać w suchym miejscu
	Gebrauchsanweisung beachten / Please read instructions for use / Respecter les instructions d'utilisation / Obsérvense las instrucciones de uso / Lees de bijsluiters / Consultare le istruzioni per l'uso / Przestrzegać instrukcję użycia		Packung geschlossen halten / Keep container closed / Refermer la boîte / Mantenga el envase cerrado / Verpakking gesloten houden / Conservare la confezione chiusa / Przechowywać pojemnik szczelnie zamknięty
	Ausreichend für <n> Prüfungen / Contains sufficient for <n> tests / Contenu suffisant pour <n> tests / Contenido suficiente para <n> tests / Voldoende voor <n> tests / Contenuto sufficiente per <n> test / Wystarczająco dla kontroli <n>		