

## Total Hardness Test

### What Results are expected?

The **total hardness** of the water is caused by its content of calcium and magnesium salts. The favourable value for most ornamental fish is between 5 °d and 10 °d (conversion factors: 1 °d = 1.8 °f = 1.25 °e = 17.8 mg/l CaCO<sub>3</sub>).

### Umrechnung für die Einheiten der Wasserhärte

		°dH	°e	°fH	ppm	mval/l	mmol/l
<b>Deutsche Grad</b>	1 °dH =	1	1,253	1,78	17,8	0,357	0,1783
<b>Englische Grad</b>	1 °e =	0,798	1	1,43	14,3	0,285	0,142
<b>Französische Grad</b>	1 °fH =	0,560	0,702	1	10	0,2	0,1
<b>ppm CaCO<sub>3</sub> (USA)</b>	1 ppm =	0,056	0,07	0,1	1	0,02	0,01
<b>mval/l Erdalkali-Ionen</b>	1 mval/l =	2,8	3,51	5	50	1	0,50
<b>mmol/l Erdalkaliionen</b>	1 mmol/l =	5,6	7,02	10,00	100,0	2,00	1

### Specifications

Remove only as many test sticks from the container as necessary, and tightly close the container immediately. Do not touch the test fields with your fingers.

Protect test strips from sunlight and moisture. Store container in a cool and dry place, not above 30 °C.

### Instructions for use

1. Dip test stick with **all test fields** into the water for about 1 sec (do not hold under flowing water).
2. Shake of excess liquid.
3. After 60 sec compare with the colour scale.

