

**Pack content:**

1 aluminum container with 60 test strips  
 1 bottle Ca<sup>2+</sup>-1  
 1 bottle Ca<sup>2+</sup>-2  
 1 measuring vessel with 5 mL mark  
 1 small measuring spoon

**Measuring range:**

10–100 mg/L Ca<sup>2+</sup>

**Color gradation:**

0 · 10 · 25 · 50 · 100 mg/L Ca<sup>2+</sup>

**Safety precautions:**

Reagent Ca<sup>2+</sup>-1 contains hydrogen peroxide urea 20–100% CAS 124-43-6. Reagent Ca<sup>2+</sup>-2 contains sodium hydroxide solution 20–55% CAS 124-43-6. DANGER Causes severe skin burns and eye damage. Do not breathe vapors. Wear protective gloves / eye protection. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. For further information, please ask for safety data sheet (see [www.mn-net.com/MSDS](http://www.mn-net.com/MSDS)).

**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. Rinse the measuring vessel with the test solution and fill it to the 5 mL mark.
2. Dip the test strip into the test solution for 1 second.
3. Shake off excess liquid.
4. Place test strip aside with test field facing upwards.
5. Add 1 measuring spoon Ca<sup>2+</sup>-1 to the sample.
6. Shake carefully.
7. Add 10 drops Ca<sup>2+</sup>-2 to the sample.
8. Shake carefully.
9. Pick up the test strip again.
10. Dip the test strip again into the test solution for 45 seconds.
11. Shake off excess liquid.
12. Compare with the color scale.

**Interferences:**

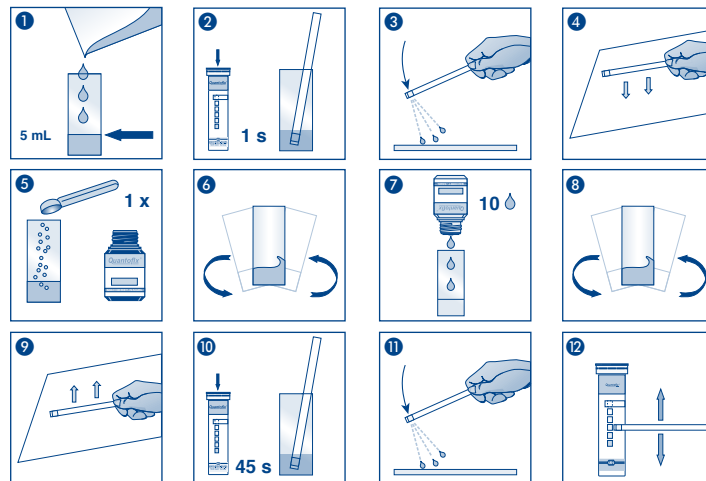
The following ions interfere with the determination when in higher concentrations:  
 > 1000 mg/L: Al<sup>3+</sup>, As<sup>3+</sup>, NH<sub>4</sub><sup>+</sup>, Sb<sup>3+</sup>, K<sup>+</sup>, Na<sup>+</sup>, Bi<sup>3+</sup>, Br<sup>-</sup>, Cl<sup>-</sup>, CN<sup>-</sup>, CrO<sub>4</sub><sup>2-</sup>, [Fe(CN)<sub>6</sub>]<sup>3-</sup>, [Fe(CN)<sub>6</sub>]<sup>4-</sup>, I<sup>-</sup>, NO<sub>2</sub><sup>-</sup>, NO<sub>3</sub><sup>-</sup>, PO<sub>4</sub><sup>3-</sup>, SCN<sup>-</sup>, S<sub>2</sub>O<sub>5</sub><sup>2-</sup>, acetate, ascorbate, citrate, tartrate  
 > 500 mg/L: Ba<sup>2+</sup>, Mg<sup>2+</sup>; > 250 mg/L: Sr<sup>2+</sup>; > 100 mg/L: MnO<sub>4</sub><sup>-</sup>  
 The following heavy metals interfere when the concentrations below are exceeded:  
 > 100 mg/L: Mn<sup>2+</sup>, > 50 mg/L: Ni<sup>2+</sup>, > 25 mg/L: Fe<sup>2+</sup>, Fe<sup>3+</sup>, Pb<sup>2+</sup>, > 10 mg/L: Cr<sup>3+</sup>, Co<sup>2+</sup>, Cu<sup>2+</sup>, Hg<sup>2+</sup>, Zn<sup>2+</sup>

**Disposal:**

The used analysis specimens can be flushed down the drain with tap water and channeled off to the local sewage treatment works. Used test strips can be disposed in 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.



	Haltbarkeitsdatum / Use by / A utiliser jusqu'à / Fecha de vencimiento / Houdbaarheidsdatum / Data di scadenza / Data ważności		Chargenbezeichnung / Lot number / Numéro de lot / Número de lote / Lot-number / No del lotto / Oznaczenie szarży
	Artikelnummer / Catalog number / Référence / Art. nro. / Referentienummer / Codice articolo / Numer artykułu		Packungsinhalt / Package content / Contenu de la boîte / Contenido del envase / Verpakingsinhoud / Contenuto della confezione / Zawartość opakowania
	Packung geschlossen halten / Keep container closed / Refermer la boîte / Mantenga el envase cerrado / Verpakking gesloten houden / Conservare la confezione chiusa / Przechowywać pojemnik szczelnie zamknięty		Vor Feuchtigkeit schützen / Protect from humidity / Protéger de l'humidité / Protéjase de la humedad / Beschermen tegen vocht / Proteggere dall'umidità / Chronić przed wilgocią
	Lagertemperatur / Storage temperature / Température de stockage / Temperatura de almacenaje / Bewaartemperatuur / Temperatura di magazzino / Temperatura przechowywania		Packungsbeilage lesen / Please read instructions / Lire les instructions, svp / Obsérvense las instrucciones de uso / Lees de bijsluiting / Leggere il foglio informativo / Należy przeczytać ulotkę informacyjną
	Sicherheitshinweise in der Packungsbeilage beachten / Observe the safety precautions in instructions / Respected les précautions de sécurité des instructions / Obsérvense las indicaciones de seguridad / Neem de veiligheidsrichtlijnen in de bijsluiting in acht / Seguire le avvertenze di sicurezza / Należy przestrzegać uwag zawartych w ulotce informacyjnej		