

## Pack content:

1 aluminum container with 100 test strips  
2 test tubes  
2 bottles Chromate-1

## Safety precautions:

Chromate-1 contains nitric acid 5–20% CAS 7697-37-2. DANGER 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.

## 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.

## Additional indications:

If chromium is present as  $\text{Cr}^{3+}$ , it has to be converted to chromate prior to the test as follows: add to 10 mL of the test solution 1 spatula tip of potassium peroxodisulfate and 1 drop of a 0.1 mol silver nitrate solution, boil for 10 minutes and cool again to room temperature. Then, carry out the test as indicated in the instructions.

Conversion factor:  $\text{Cr}^{3+} = \text{CrO}_4^{2-} \times 0.45$

## Instructions for use:

- Place the test tube into the cavity of the thermoformed mould.
- Add 10 drops  $\text{CrO}_4^{2-}$ -1 (nitric acid).
- Dip the test strip into the neutral to acid test solution for 1 second.
- Shake off excess liquid.
- Place test strip into the filled test tube.
- Wait 30 seconds.
- Shake off excess liquid.
- Compare with the color scale.

If chromate ions are present, the test field turns violet.

## Interferences:

Interferences caused by molybdates are eliminated by adding 1 spatula tip of oxalic acid to the strong acid solution. Iron(III) ions are eliminated by precipitation with 32% sodium hydroxide solution.

## Disposal:

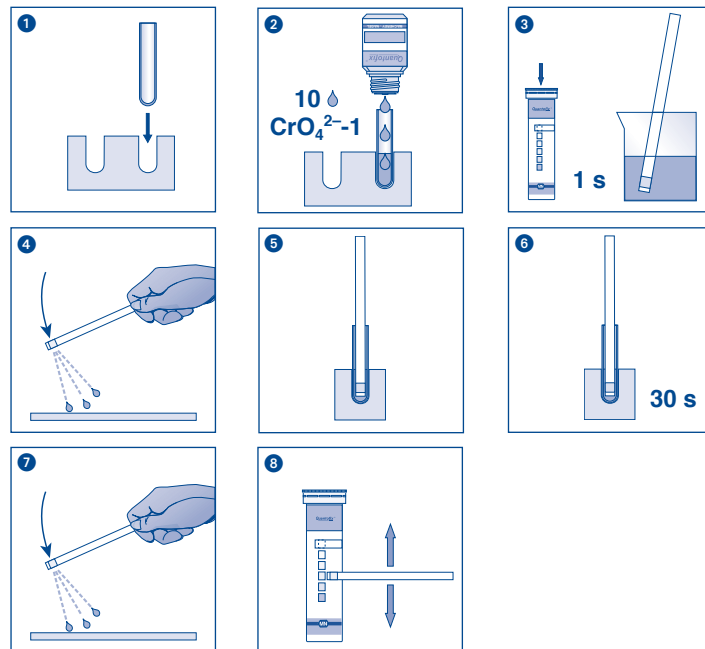
The used analysis specimens can be flushed down the drain with tap water and channeled off to the local sewage treatment works. Used test strips can be disposed in household waste.

## 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 kit may be used until the use-by-date printed on the packaging.

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|--|---|--|--|
|  | 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 / Lotnummer / No del lotto / Oznaczenie szarzy  |
|  | Artikelnummer / Catalog number / Référence / Art. nro. / Referentienummer / Codice articolo / Numer artykułu  |  | Packungsinhalt / Package content / Contenu de la boîte / Contenido del envase / Verpakkinginhoud / 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 / Protección de la humedad / Beschermen tegen vocht / Proteggere dall'umidità / Chronić przed wilgocią                                |
|  | Lagertemperatur / Storage temperature / Température de stockage / Temperatura de almacenaje / Bewaar temperatuur / Temperatura di magazzino / Temperatura przechowywania  |  | Packungsbeilage lesen / Please read instructions / Lire les instructions, svp / Obsérvense las instrucciones de uso / Lees de bijsluiter / Leggere il foglio informativo / Należy przeczytać ulotkę informacyjną |
|  | Sicherheitshinweise in der Packungsbeilage beachten / Observe the safety precautions in instructions / Respecter les précautions de sécurité des instructions / Obsérvense las indicaciones de seguridad / Neem de veiligheidsrichtlijnen in de bijsluiter in acht / Seguire le avvertenze di sicurezza / Należy przestrzegać uwag zawartych w ulotce informacyjnej |  |  |