

visicolor® Powder Pillows

Eisen

Reagenziensatz zur photometrischen Bestimmung von Eisen in Oberflächen-, Grund- und Trinkwasser.

Messbereich:

0,03–3,00 mg/L Fe

Methode:

Photometrische Bestimmung von Eisen mittels Phenanthrolin.

Gefahrenhinweis:

Informationen zu Gefahren finden Sie auf dem Außenetikett und im Sicherheitsdatenblatt. Das Sicherheitsdatenblatt können Sie unter www.mn-net.com/SDS herunterladen.

Ausführung:

Benötigtes Zubehör: 2 Reaktionsgläser 16 mm AD (REF 91680) oder 2 Reaktionsgläser 24 mm (REF 936101)

- 1 Reaktionsglas mehrmals mit der Wasserprobe spülen (der pH-Wert der Probe muss zwischen pH 2 und 13 liegen)

Null (optional):

- 2 Eine Rundküvette mit 5 mL Probe füllen
- 3 Rundküvette von außen säubern
- 4 Rundküvette in das Photometer einsetzen und Null-Messung durchführen

Probe:

- 5 Eine weitere Rundküvette mit 5 mL Probe füllen
- 6 Den Inhalt eines Powder Pillows Eisen zugeben
- 7 Rundküvette verschließen und kräftig schütteln
- 8 Rundküvette von außen säubern
- 9 Reaktionszeit 2 min abwarten
- 10 Messen

Messung:

Rosthaltige Proben 5 Minuten oder länger reagieren lassen.

Siehe Handbuch für MACHEREY-NAGEL Photometer.

Nach Gebrauch Rundküvette gründlich spülen und verschließen.

Diese Methode ist auch für die Analyse von Meerwasser geeignet.

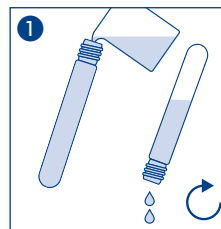
Störungen:

Die Temperatur der Wasserprobe soll zwischen 20 und 30 °C liegen.

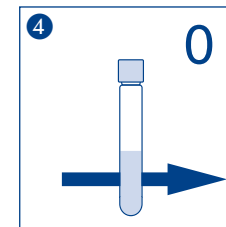
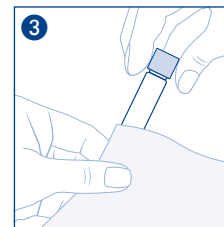
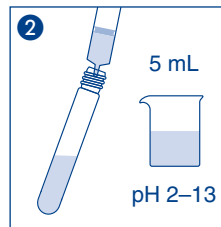
Eine gelbliche Verfärbung des Pulvers ist normal und beeinflusst das Messergebnis nicht.

Entsorgung:

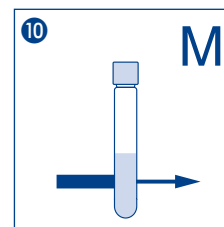
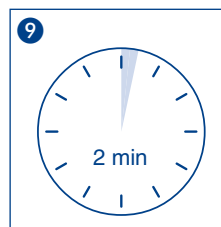
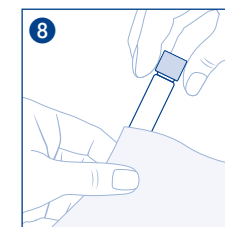
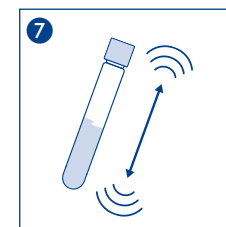
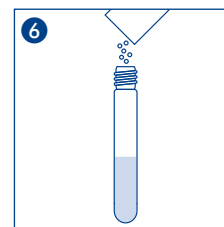
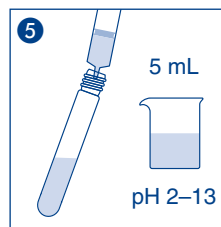
Informationen zur Entsorgung entnehmen Sie bitte dem Sicherheitsdatenblatt. Das Sicherheitsdatenblatt können Sie unter www.mn-net.com/SDS herunterladen.



Null (optional):



Probe:



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visicolor® Powder Pillows

Iron

Reagent for the photometric determination of iron with 1,10-phenanthroline in surface, ground and drinking water.

Measuring range:

0.03–3.00 mg/L Fe

Method:

Photometric determination of iron ions by 1,10-phenanthroline method.

Hazard warning:

Information regarding safety can be found on the box' label and in the safety data sheet. You can download the SDS from www.mn-net.com/SDS.

Procedure:

Requisite accessories: 2 test tubes 16 mm OD (REF 91680) or 2 test tubes 24 mm OD (REF 936101)

- 1 Rinse test tube several times with sample (*pH value of sample must be between pH 2 and 13*)

Blank (optional):

- 2 Fill one test tube with 5 mL of sample
- 3 Clean test tube
- 4 Place test tube in photometer as blank value and adjust for zero

Sample:

- 5 Fill another test tube with 5 mL of sample
- 6 Add content of 1 Powder Pillow Iron
- 7 Close test tube and shake well
- 8 Clean test tube
- 9 Wait for 2 min
- 10 Measure

Measurement:

Let samples that contain rust react for 5 minutes or more.

See manual for all MACHEREY-NAGEL photometers.

After use, rinse out test tubes thoroughly and seal them.

Suitable for the analysis of sea water.

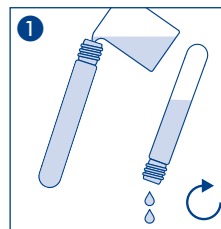
Interferences:

The temperature of the water sample should be between 20 °C and 30 °C.

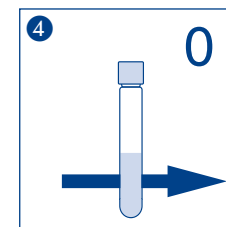
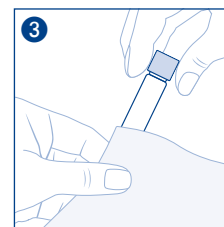
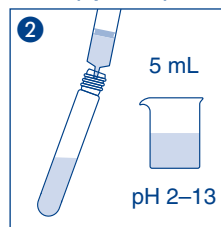
A yellowish coloration of the powder is normal and does not influence the measurement result.

Disposal of samples:

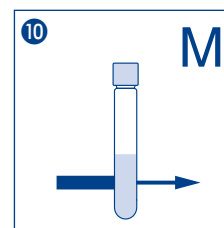
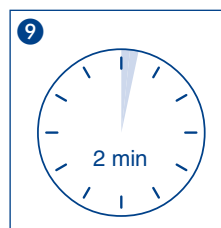
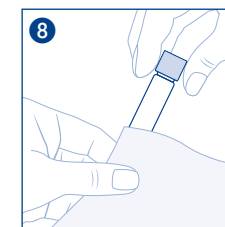
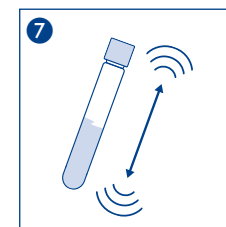
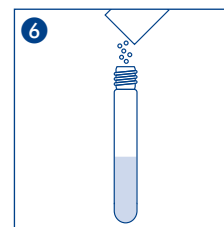
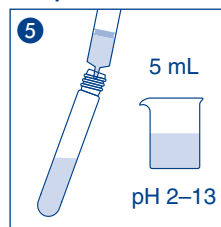
Information regarding disposal can be found in the safety data sheet. You can download the SDS from www.mn-net.com/SDS.



Blank (optional):



Sample:



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Fer

Réactif pour la détermination photométrique du fer dans 1,10-phenanthroline.

Domaine de mesure :

0.03–3.00 mg/L Fe

Méthode :

Détermination photométrique du fer par.

Indication de danger :

Vous trouverez des informations sur les risques sur l'étiquette de l'emballage et dans la fiche de données de sécurité. Vous trouverez la fiche de données de sécurité sur le site www.mn-net.com/SDS pour la télécharger.

Exécution :

Accessoires nécessaires : 2 cuves de réaction de 16 mm de diamètre extérieur (REF 96180) ou 2 cuves de réaction de 24 mm de diamètre extérieur (REF 936101)

- 1 Rincer plusieurs fois la cuve de réaction avec l'échantillon d'eau (*la valeur pH de l'échantillon doit se situer entre pH 2 et 13*)

Blanc (en option) :

- 2 Remplir une cuve ronde avec un échantillon de **5 mL**
- 3 Nettoyer l'extérieur de la cuve ronde
- 4 Placer la cuve ronde dans le photomètre et procéder à la mesure du point zéro

Echantillon :

- 5 Remplir une autre cuve ronde avec un échantillon de **5 mL**
- 6 Ajouter le contenu d'un **Powder Pillow Fer**
- 7 Fermer la cuve ronde et secouer énergiquement
- 8 Nettoyer l'extérieur de la cuve ronde
- 9 Temps de réaction : attendre **2 min**
- 10 Mesurer

Mesure :

Laisser les échantillons contenant de la rouille réagir pendant 5 minutes ou plus longtemps.

Se reporter au manuel du photomètre de MACHEREY-NAGEL.

Après utilisation, rincer avec précision les cuves rondes et la fermer.

Cette méthode est également appropriée pour analyser l'eau de mer.

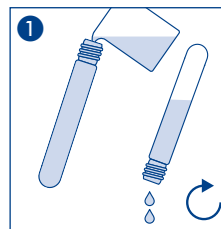
Interférences :

La température de l'échantillon d'eau doit se situer entre 20 et 30 °C.

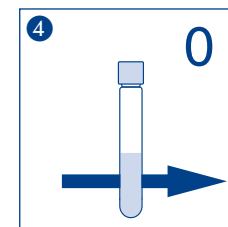
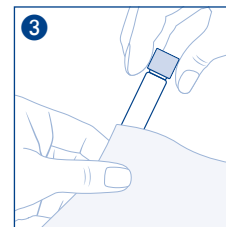
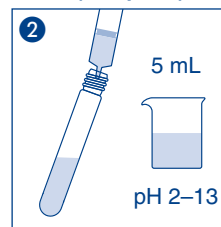
Une décoloration jaunâtre de la poudre est normale et n'influence pas le résultat de la mesure.

Elimination des échantillons :

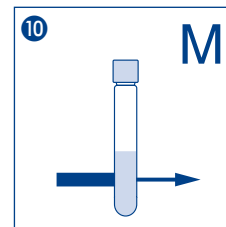
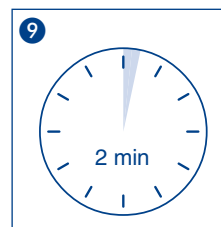
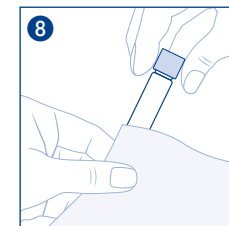
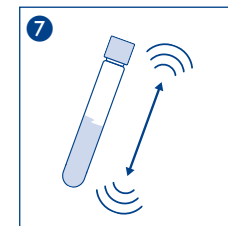
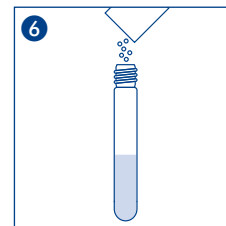
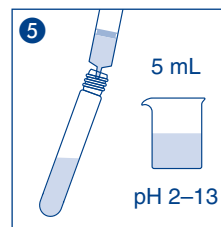
Vous trouverez des informations concernant l'élimination des produits dans la fiche de données de sécurité. Vous trouverez la fiche de données de sécurité sur le site www.mn-net.com/SDS pour la télécharger.



Blanc (en option) :



Echantillon :



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MACHEREY-NAGEL SAS (Société par Actions Simplifiée) au capital de 186600 €

Siret 379 859 531 00020 · RCS Strasbourg B379859531 · N° intracommunautaire FR04 379 859 531

Rev 2021-10/936227

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Hierro

Reactivo para la determinación fotométrica de ferro mediante 1,10-fenantrolina en agua superficial, agua de suelos y agua potable.

Rango de medida:

0,03–3,00 mg/L Fe

Método:

Determinación fotométrica de iones de hierro por método de fenantrolina.

Advertencia sobre peligro:

Encontrará la información sobre los riesgos en la etiqueta exterior y en la ficha de datos de seguridad. Puede descargar la ficha de datos de seguridad en www.mn-net.com/SDS.

Procedimiento:

Accesorios necesarios: 2 tubos de ensayo de 16 mm DE (REF 91680) o 2 tubos de ensayo de 24 mm DE (REF 936101)

- 1 Lave el tubo de ensayo varias veces con la muestra de agua (*el valor pH de la muestra debe hallarse entre pH 2 y 13*)

Blanco (opcional):

- 2 Llene un tubo de ensayo con **5 mL** de muestra
- 3 Limpie el tubo de ensayo desde el exterior
- 4 Inserte el tubo de ensayo en el fotómetro y mida el blanco

Muestra:

- 5 Llene otra cubeta con otros **5 mL** de muestra
- 6 Añada el contenido de un **Powder Pillow de Hierro**
- 7 Cierre el tubo de ensayo y agítela bien
- 8 Limpie el tubo de ensayo desde el exterior
- 9 Espere un tiempo de reacción de **2 min**
- 10 Realice la medición

Medición:

Dejar reaccionar las muestras que contengan óxido durante 5 minutos o más.

Consulte el manual del fotómetro MACHEREY-NAGEL.

Tras el uso, limpie a fondo los tubos de muestras, ciérrelos.

Este método también resulta adecuado para el análisis de agua de mar.

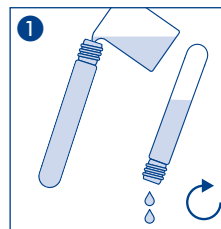
Interferencias:

La temperatura de la muestra de agua debe hallarse entre 20 y 30 °C.

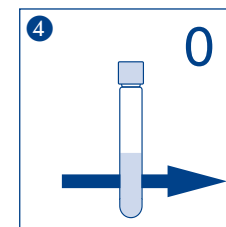
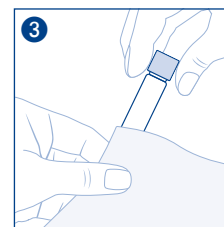
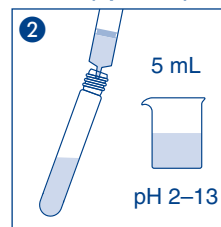
Una decoloración amarillenta del polvo es normal y no influye en el resultado de la medición.

Eliminación:

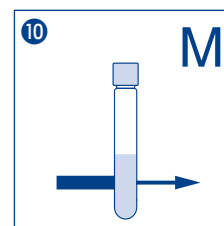
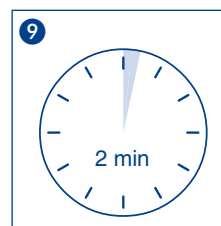
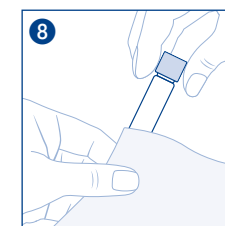
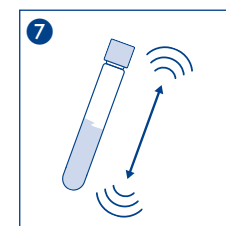
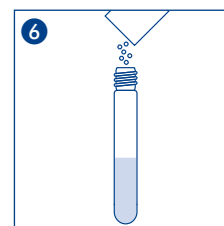
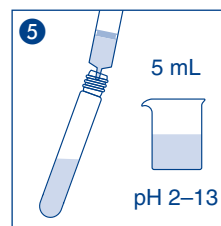
Consulte la información sobre la eliminación en la ficha de datos de seguridad. Puede descargar la ficha de datos de seguridad en www.mn-net.com/SDS.



Blanco (opcional):



Muestra:



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Ijzer

Reagenskit voor de fotometrische bepaling van ijzer in oppervlakte-, grond- en drinkwater.

Meetgebied:

0.03–3.00 mg/L Fe

Methode:

Fotometrische bepaling van ijzer door 1,10-fenantroline.

Voorzorgsmaatregelen:

Informatie over de gevaren vindt u op het verpakkingsetiket en het veiligheidsinformatieblad. U kunt het veiligheidsinformatieblad downloaden van www.mn-net.com/SDS.

Procedure:

Benodigde hulpmiddelen: 2 reageerbuisen 16 mm BD (REF 91680) of 2 reageerbuisen 24 mm BD (REF 936101)

- 1 Reageerbuis meerdere malen met het watermonster spoelen (de pH-waarde van het monster moet tussen pH 2 en 13 liggen)

Nul (optioneel):

- 2 Een reageerbuis met 5 mL monsteroplossing vullen
- 3 Buitenkant van de reageerbuis schoonmaken
- 4 Reageerbuis in de fotometer plaatsen en nulmeting uitvoeren

Monster:

- 5 De tweede reageerbuis met 5 mL monsteroplossing vullen
- 6 De inhoud van 1 Powder Pillow Ijzer toevoegen
- 7 Reageerbuis sluiten en krachtig schudden
- 8 Buitenkant van de reageerbuis schoonmaken
- 9 Reactietijd van 2 min afwachten
- 10 Meten

Meting:

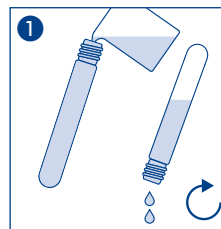
Laat roesthoudende monsters 5 minuten of langer reageren.
Zie handboek voor MACHEREY-NAGEL fotometer.
Na gebruik reageerbuis grondig spoelen en sluiten.
Deze methode is ook bruikbaar voor de analyse van zeewater.

Storingen:

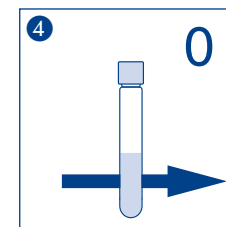
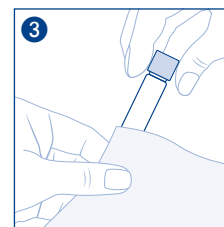
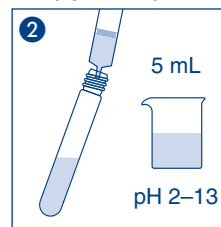
De temperatuur vat het monster moet tussen 20 en 30 °C liggen.
Een gelige verkleuring van het poeder is normaal en beïnvloedt het meetresultaat niet.

Afvalverwerking:

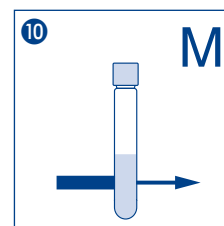
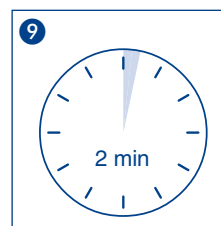
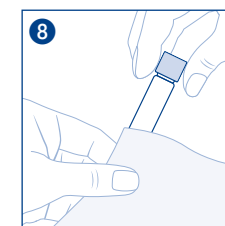
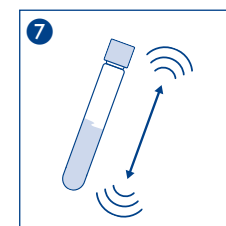
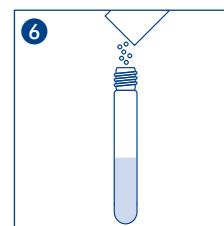
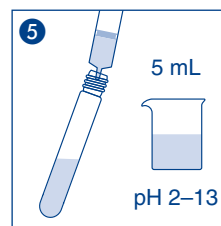
Raadpleeg het veiligheidsinformatieblad voor informatie over de afvoer. U kunt het veiligheidsinformatieblad downloaden van www.mn-net.com/SDS.



Nul (optioneel):



Monster:



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Ferro

Reagente utilizzato per la determinazione fotometrica del ferro con 1,10-fenantrolina.

Intervallo di valori:

0,03–3,00 mg/l Fe

Metodo:

Determinazione fotometrica degli ioni ferro con metodo 1,10-fenantrolina.

Avvisi di pericolo:

Per informazioni sui pericoli, leggere l'etichetta esterna e consultare la scheda di sicurezza. La scheda di sicurezza può essere scaricata dal sito www.mn-net.com/SDS.

Procedimento:

Materiali necessari: 2 cuvette di reazione da 16 mm DE (diametro esterno) (REF 91680) o 2 cuvette di reazione da 24 mm DE (diametro esterno) (REF 936101)

- 1 Risciacquare più volte la cuvetta di reazione con il campione di acqua (*il valore del pH del campione deve essere compreso tra 2 e 13*)

Bianco (opzionale):

- 2 Versare 5 mL di campione in una cuvetta tonda
- 3 Pulire l'esterno della cuvetta tonda
- 4 Posizionare nel fotometro la cuvetta tonda da considerare come valore bianco e impostare lo zero

Campione:

- 5 Riempire un'ulteriore cuvetta tonda con 5 mL di campione
- 6 Aggiungere il contenuto di 1 Powder Pillow Ferro
- 7 Sigillare la cuvetta tonda e agitare vigorosamente
- 8 Pulire l'esterno della cuvetta tonda
- 9 Attendere il tempo di reazione di 2 min
- 10 Misurare

Misura:

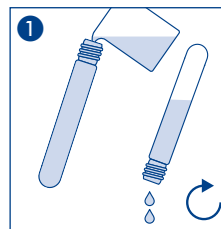
Lasciare reagire i campioni contenenti ruggine per 5 minuti o più.
Fare riferimento al manuale relativo ai fotometri MACHEREY-NAGEL.
Dopo l'utilizzo, risciacquare accuratamente e sigillare le cuvette tonde.
Questo metodo è adatto anche per l'analisi di acque marine.

Interferenze:

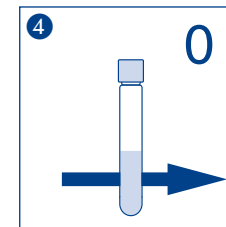
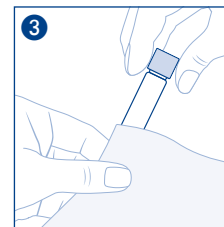
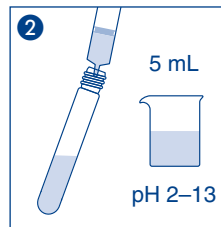
La temperatura del campione di acqua dovrebbe essere compresa tra i 20 °C e i 30 °C.
Una colorazione giallastra della polvere è normale e non influenza il risultato della misurazione.

Smaltimento dei campioni:

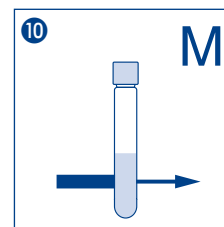
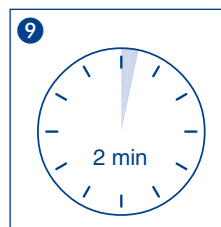
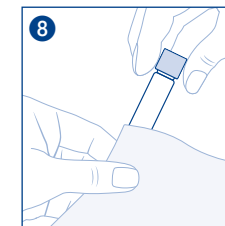
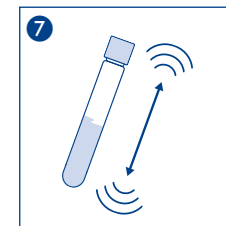
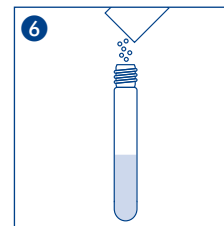
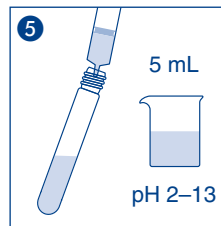
Per informazioni sullo smaltimento, consultare la scheda di sicurezza. La scheda di sicurezza può essere scaricata dal sito www.mn-net.com/SDS.



Bianco (opzionale):



Campione:



MACHEREY-NAGEL GmbH & Co. KG · Valencienner Str. 11 · 52355 Düren · Germania
Tel.: +49 24 21 969-0 · info@mn-net.com · www.mn-net.com

visicolor® Powder Pillows**Ferro**

Conjunto de reagente para determinação fotométrica de ferro com 1,10-fenantrolina em água superficial, subterrânea e potável.

Faixa de medição:

0.03–3.00 mg/L Fe

Método:

Determinação fotométrica de íons ferro pelo método 1,10-fenantrolina.

Alerta de perigo:

Informações relativas à segurança podem ser encontradas na etiqueta da embalagem e na FISPQ. Você pode baixar a FISPQ em www.mn-net.com/SDS.

Procedimento:

Acessórios necessários: 2 tubos 16 mm DE (REF 91680) ou 2 tubos 24 mm DE (REF 936101)

- 1 Enxágue o tubo várias vezes com a amostra (*o valor do pH deve estar entre 2 e 13*)

Branco (opcional):

- 2 Transfira para o tubo 5 mL de amostra
3 Limpe o tubo
4 Coloque o tubo no fotômetro e ajuste para zero

Amostra:

- 5 Transfira para o tubo 5 mL de amostra
6 Adicione o conteúdo de 1 Powder Pillow Ferro
7 Feche o tubo e agite bem
8 Limpe o tubo
9 Aguarde 2 min
10 Meça

Medição:

Amostras que contenham ferrugem devem ter um tempo de reação de 5 minutos ou mais.

Consulte o manual de todos os fotômetros MACHEREY-NAGEL.

Após o uso, enxágue bem os tubos e feche-os.

Este método é adequado para análise de água do mar.

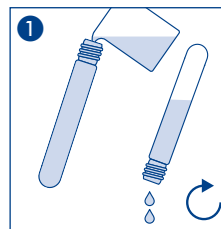
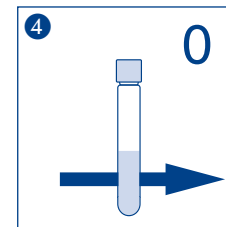
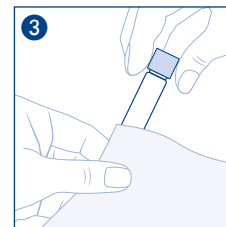
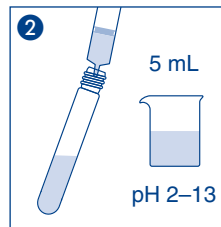
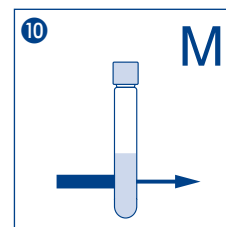
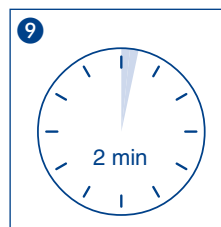
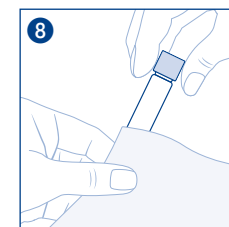
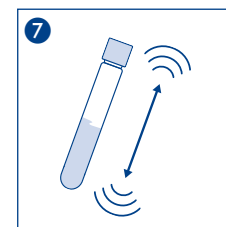
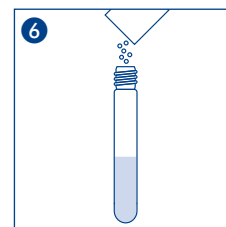
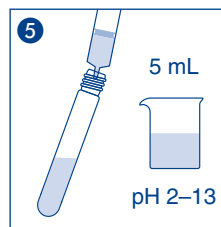
Interferências:

A temperatura da amostra deve estar entre 20 e 30 °C.

Uma descoloração amarelada do pó é normal e não influencia o resultado da medição.

Descarte de amostra:

Informações sobre o descarte podem ser encontradas na FISPQ. Você pode baixar a FISPQ em www.mn-net.com/SDS.

**Branco (opcional):****Amostra:**

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