

# WATER-I.D.<sup>®</sup>

WATER TESTING EQUIPMENT ● ● ●

# COMPARATOR

## USER MANUAL



RELIABLE WATER TESTING

41 DIFFERENT PARAMETERS

QUALITY REAGENTS  
MADE IN GERMANY

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[HTTPS://MSDS.WATER-ID.COM/](https://msds.water-id.com/)



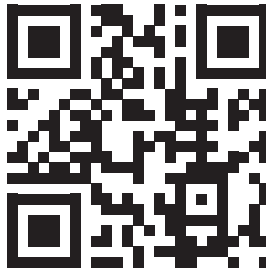
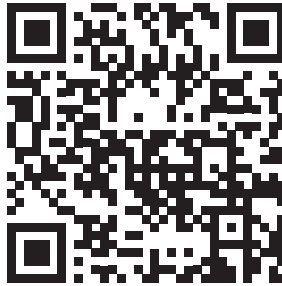
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**EUH210** - Safety data sheet available on request

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YOUTUBE TUTORIAL



WWW.WATER-ID.COM

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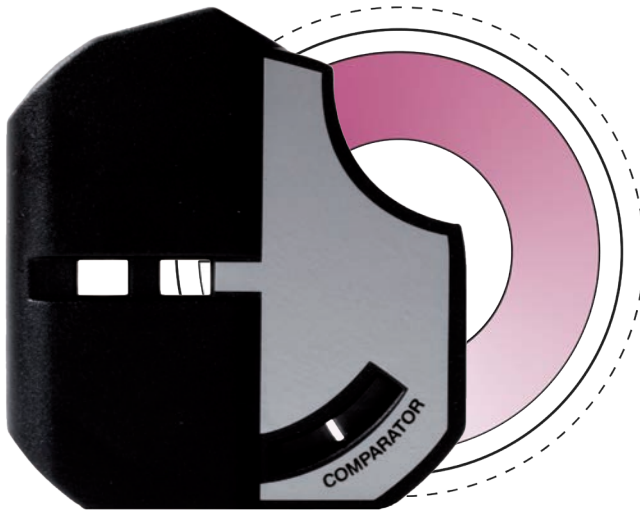
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# Active Oxygen

(0 - 20 mg/l MPS)



## DPD No. 4 Photometer



Active Oxygen



Aktivsauerstoff



Oxygène actif



Ossigeno attivo



Oxígeno activo



Oxigénio ativo



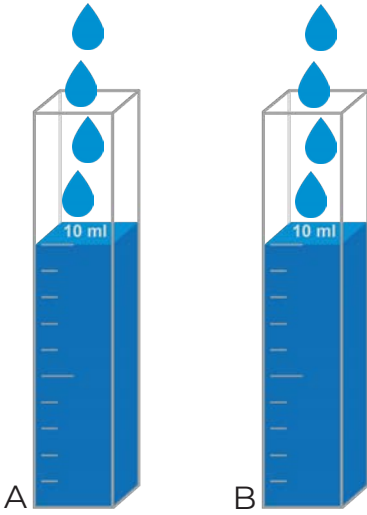
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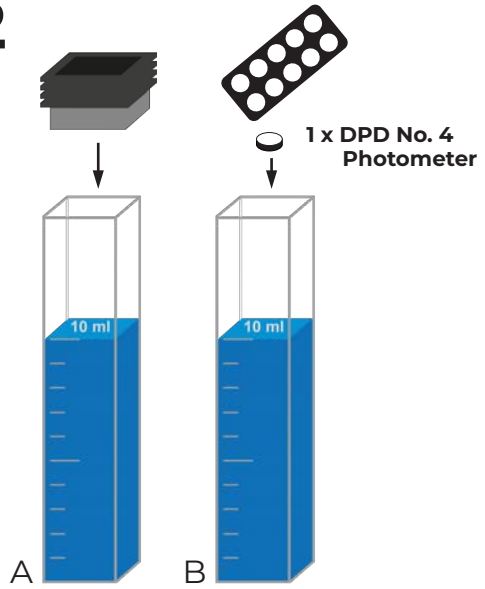
Actieve zuurstof

1

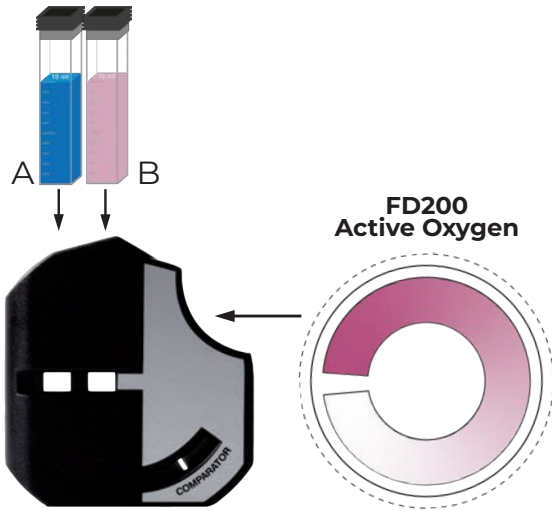
10 ml sample water each



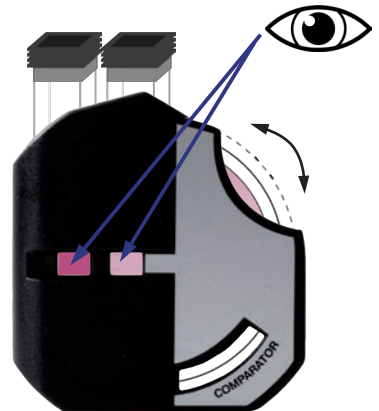
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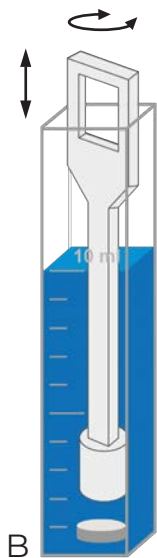
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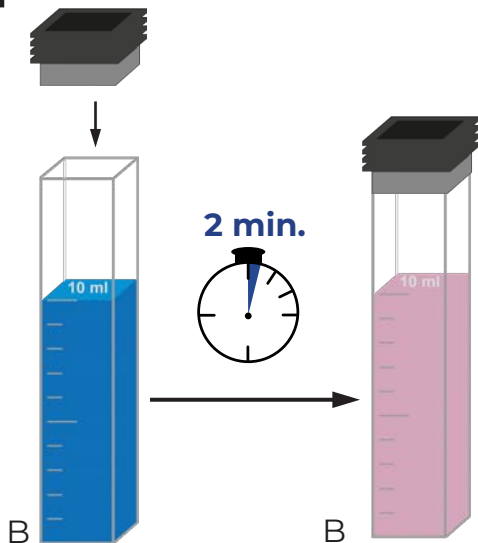
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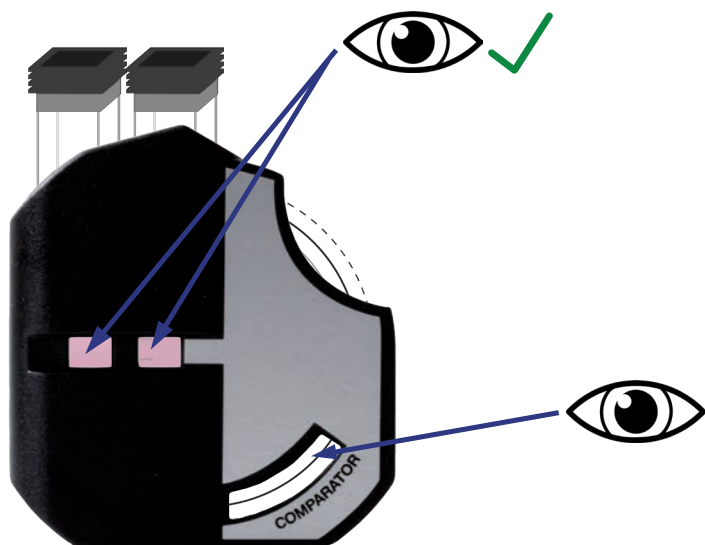
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4



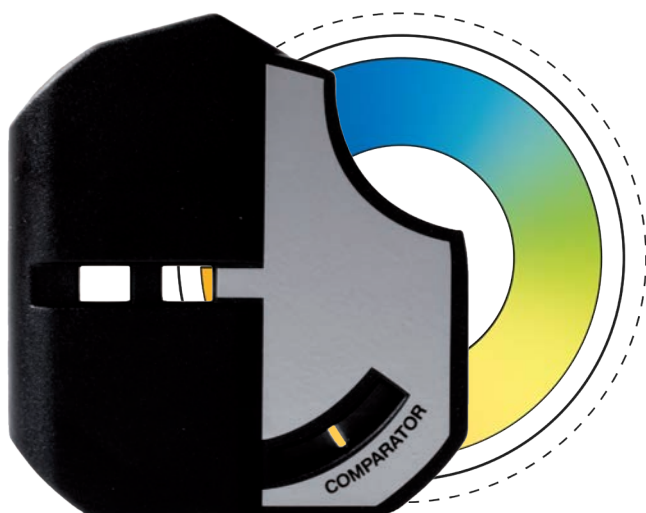
7





# Alkalinity

(0 - 200 mg/l CaCO<sub>3</sub>)



## Alkalinity-M Photometer



Alkalinity



Alkalinität



Alcalinité



Alcalinità



Alcalinidad



Alcalinidade



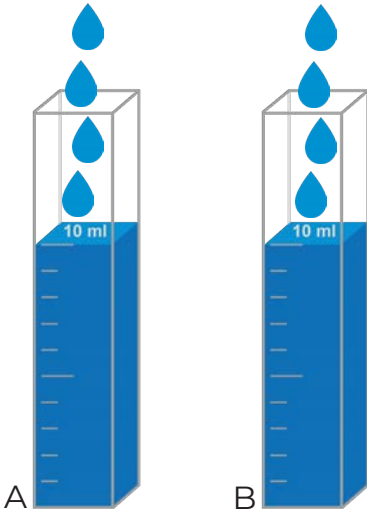
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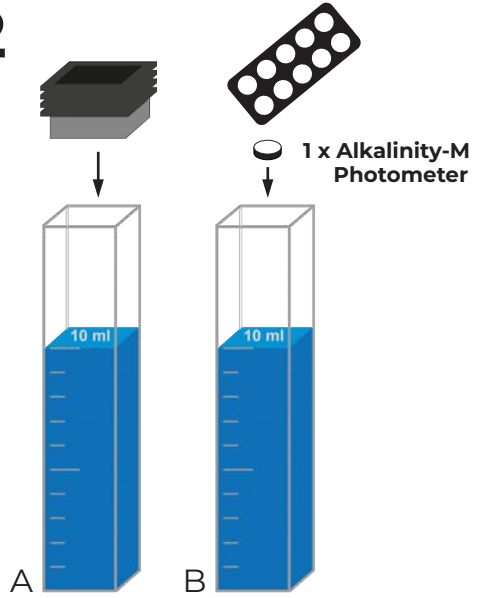
Alkaliteit

1

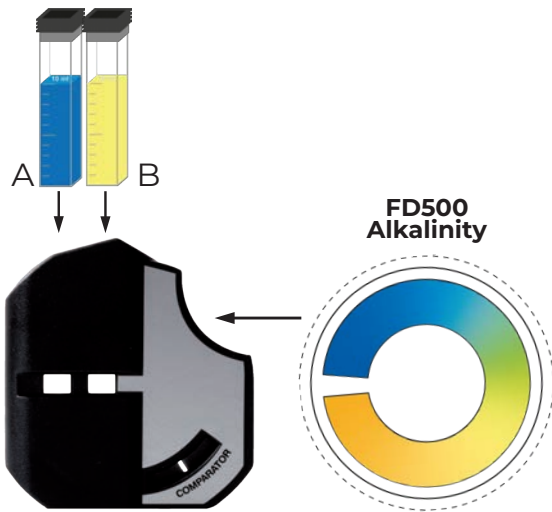
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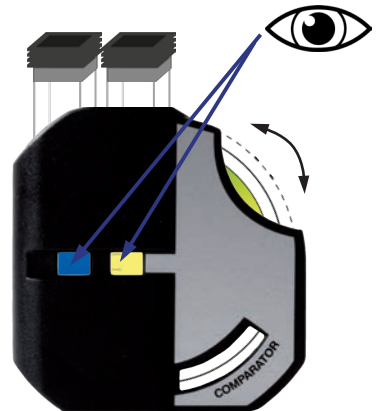
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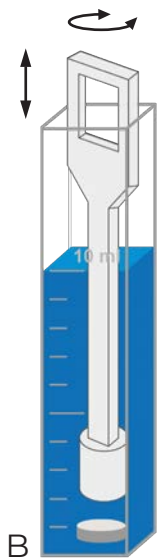
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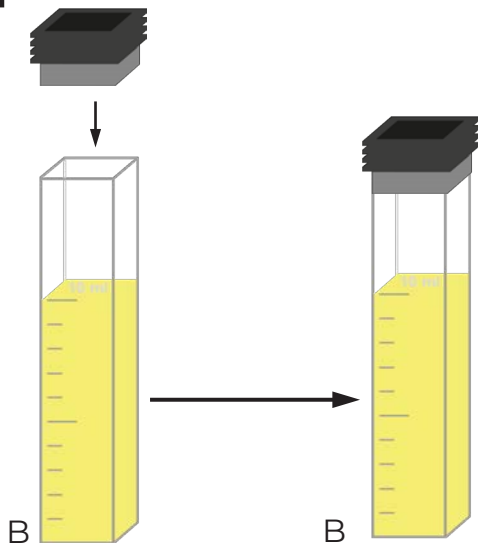
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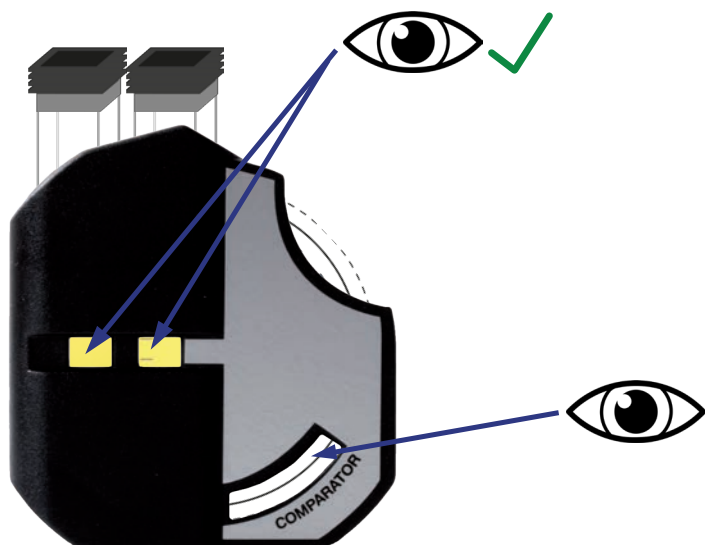
3



4



7



## Aluminium No.2 Photometer:

UFI: 0VKT-P00U-4TK-9XDE



### WARNING

**H312** - Harmful in contact with skin

**H317** - May cause an allergic skin reaction

**P261** - Avoid breathing dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves and protective clothing

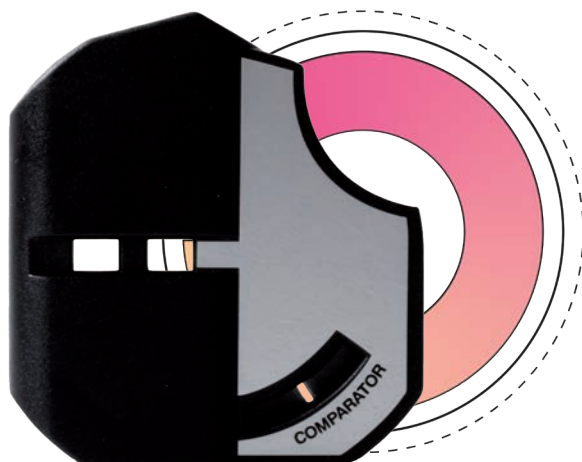
**P302 + P352** - IF ON SKIN: Wash with plenty of water and soap

**P312** - Call a POISON CENTER or doctor if you feel unwell

**P501** - Dispose of contents/ container to an approved waste disposal plant

# Aluminium

(0.00 - 0.30 mg/l Al<sup>3+</sup>)



**Aluminium No.1 Photometer**



**Aluminium No.2 Photometer**



**Aluminium**



**Aluminium**



**Aluminium**



**Alluminio**



**Aluminio**



**Alumínio**



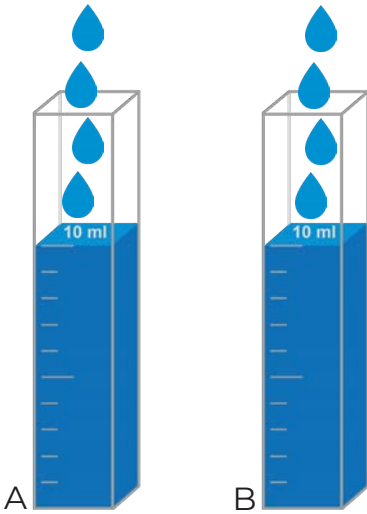
**Aluminium**



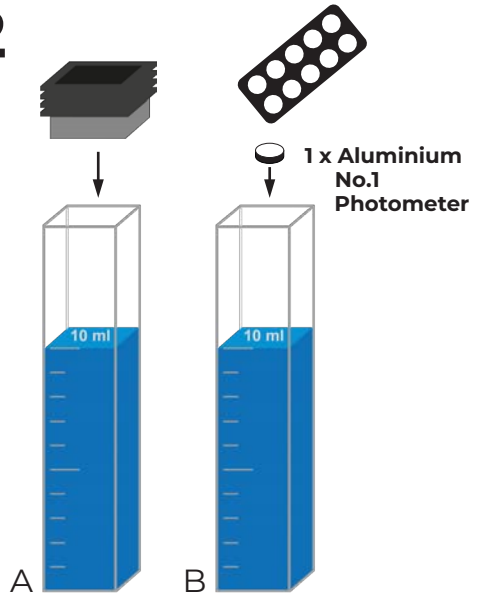
**Aluminium**

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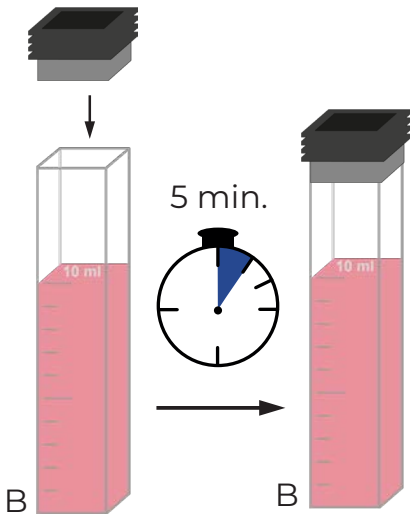
10 ml sample water each



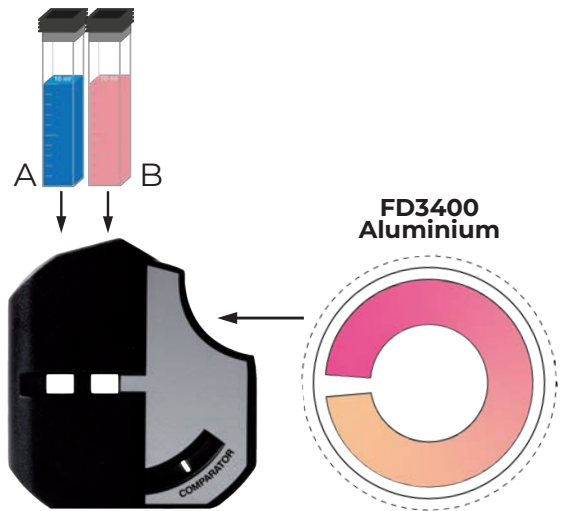
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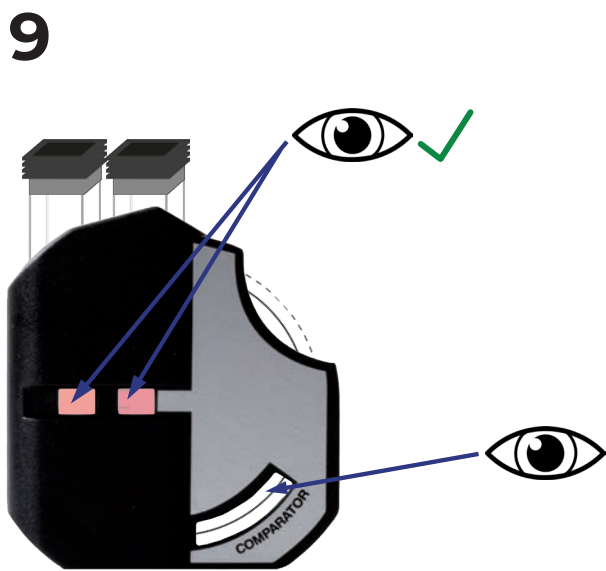
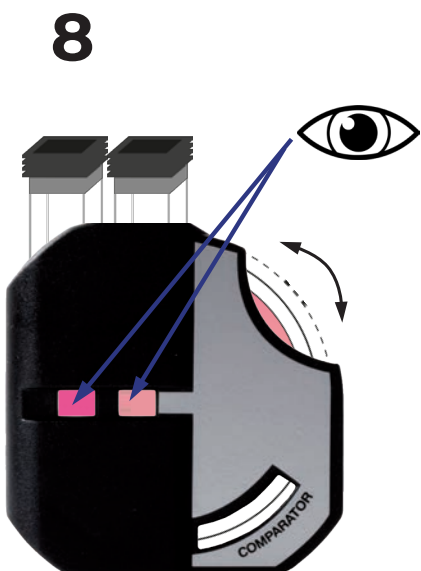
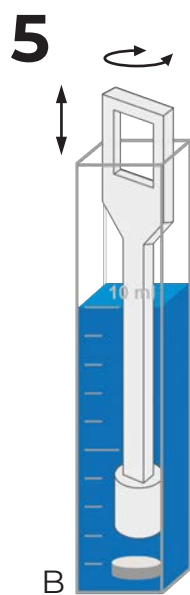
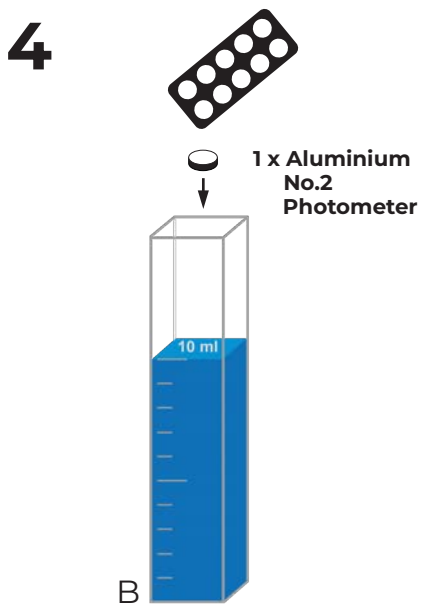
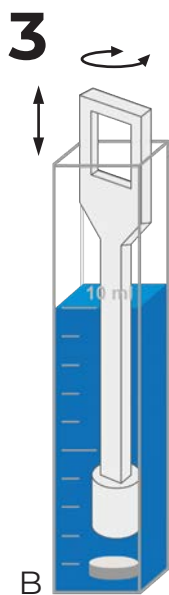


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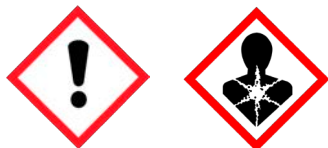
# 7





## Ammonia No.1:

UFI: 3UJF-2ATG-S117-YQPX



### WARNING

**H302** - Harmful if swallowed

**H319** - Causes serious eye irritation

**H361d** - Suspected of damaging the unborn child

**P201** - Obtain special instructions before use

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P270** - Do not eat, drink or smoke when using this product

**P280** - Wear protective gloves, protective clothing, eye protection and face protection

**P308 + P313** - IF exposed or concerned: Get medical advice/attention

**P501** - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

## Ammonia No.2:

UFI: W1KD-UM44-J11F-OCYU



### DANGER

**H302** - Harmful if swallowed

**H314** - Causes severe skin burns and eye damage

**H332** - Harmful if inhaled

**H412** - Harmful to aquatic life with long lasting effects

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

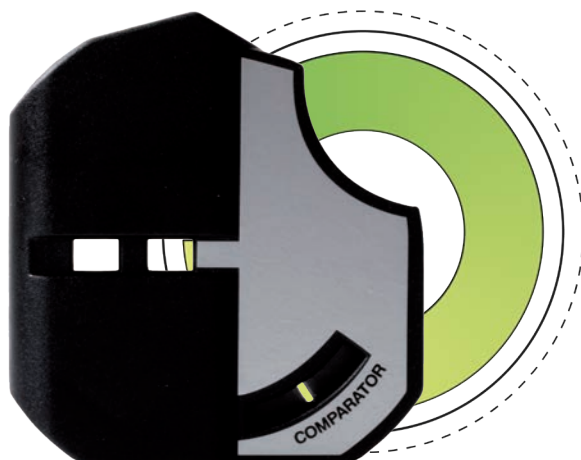
**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor.

# Ammonia

(0.00 - 1.00 mg/l N)



 Ammonia No.1

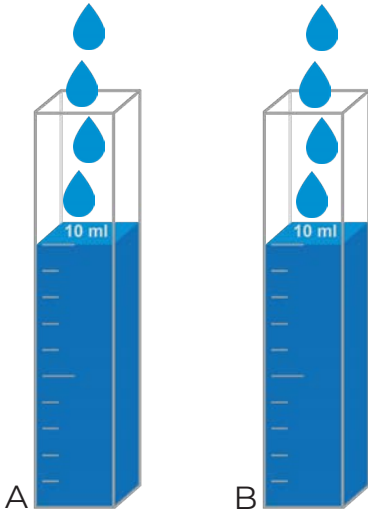
 Ammonia No.2

 Ammonia  
 Ammoniak  
 Ammoniac  
 Ammoniaca

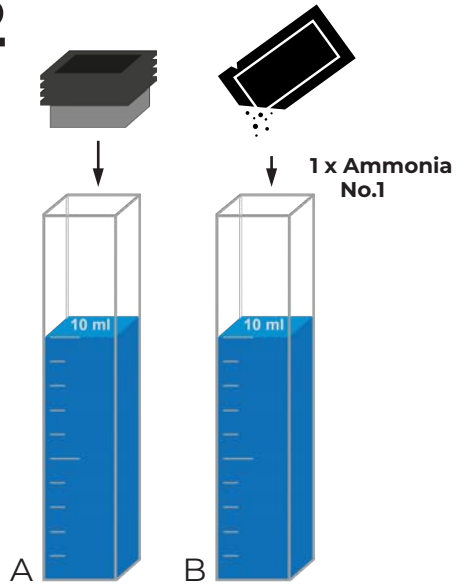
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 Amoníaco  
 Ammoniak  
 Ammoniak

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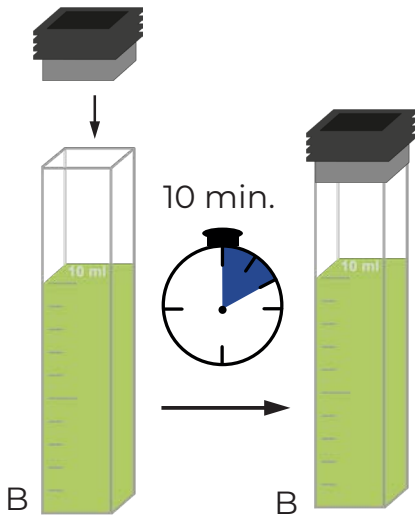
10 ml sample water each



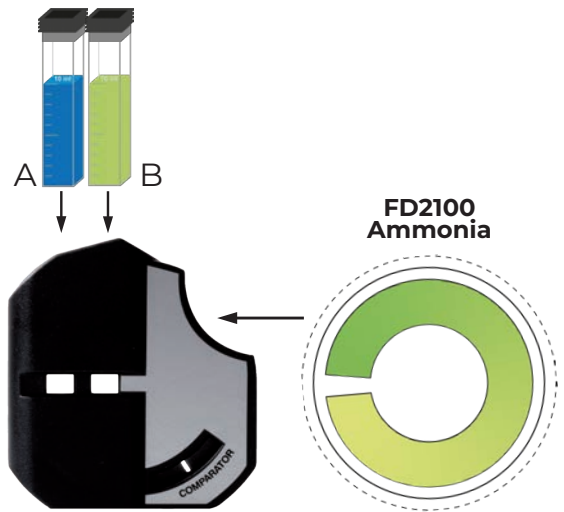
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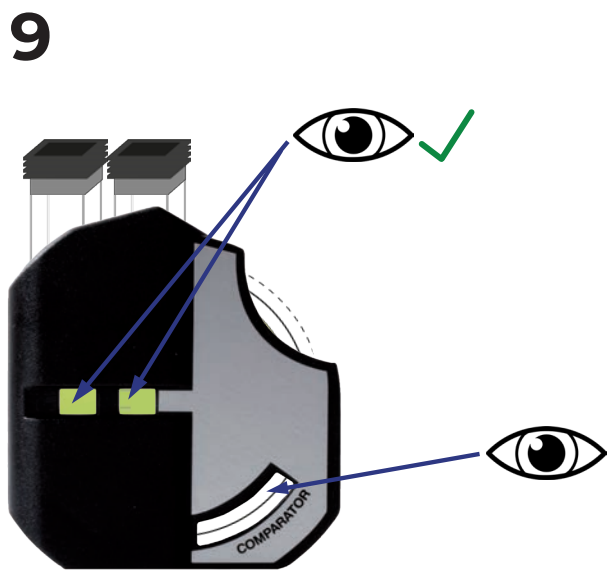
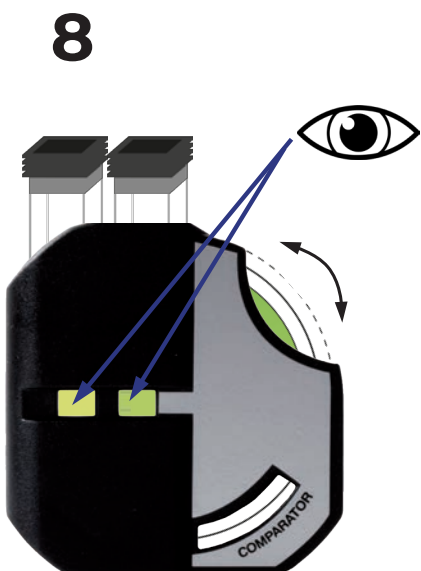
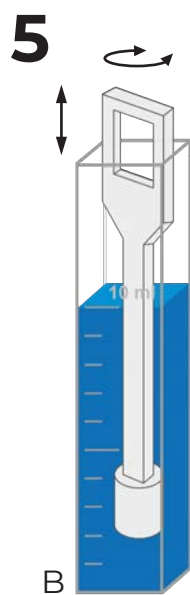
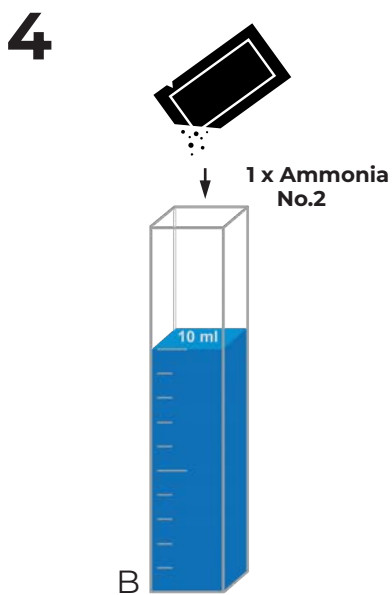
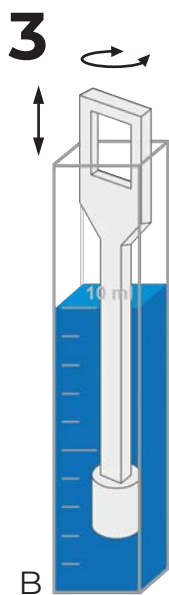


# 6



# 7

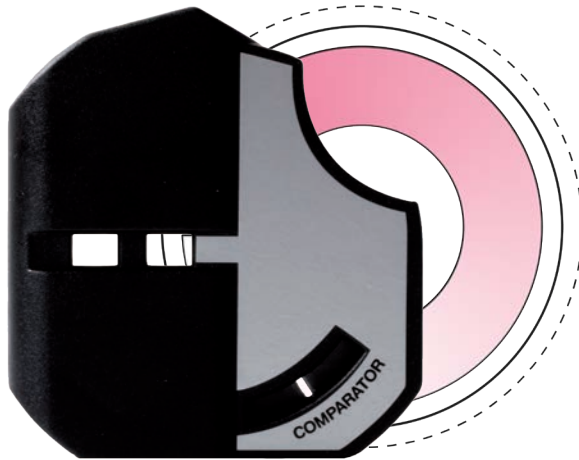






# Bromine

(0.0 - 10.0 mg/l Br<sub>2</sub>)



Glycine



DPD No.1 Photometer



Bromine



Bromo



Brom



Bromo



Brome



Brom



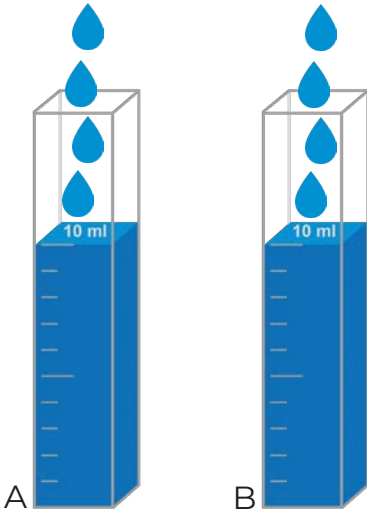
Bromo



Broom

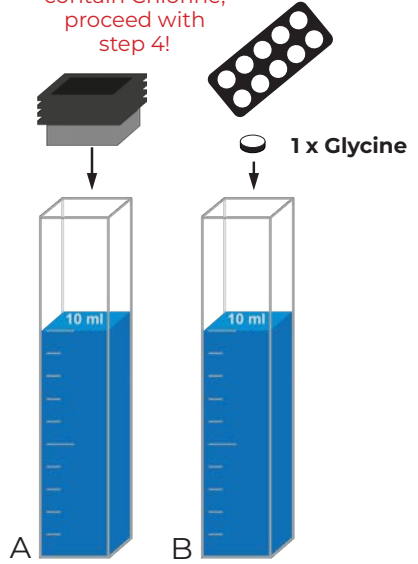
# 1

10 ml sample water each

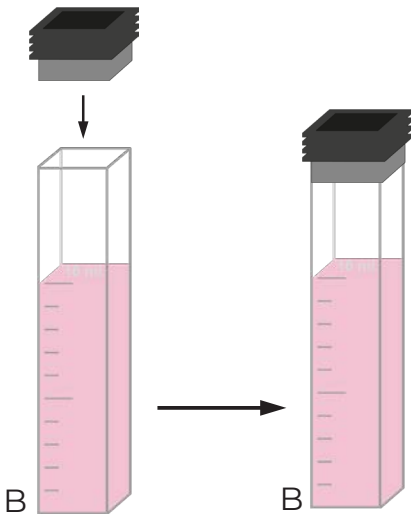


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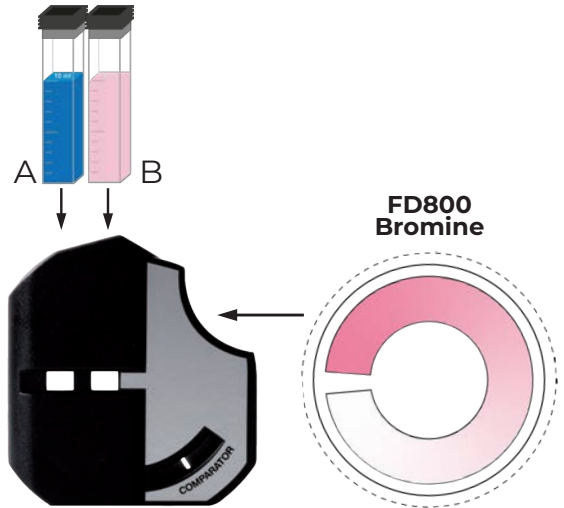
If your sample does **not** contain Chlorine, proceed with step 4!

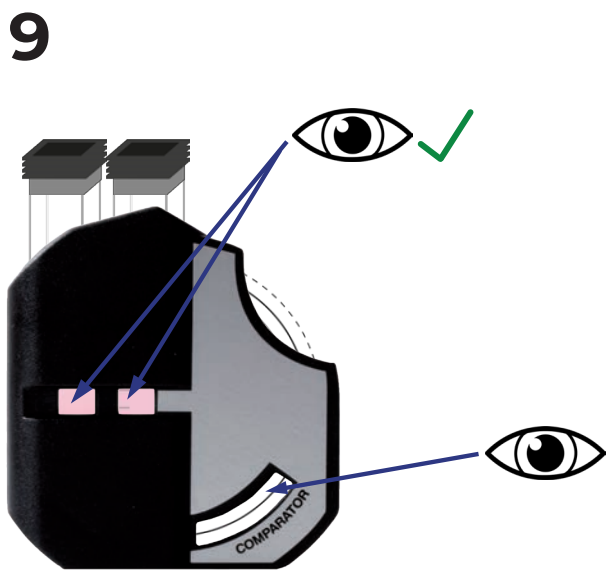
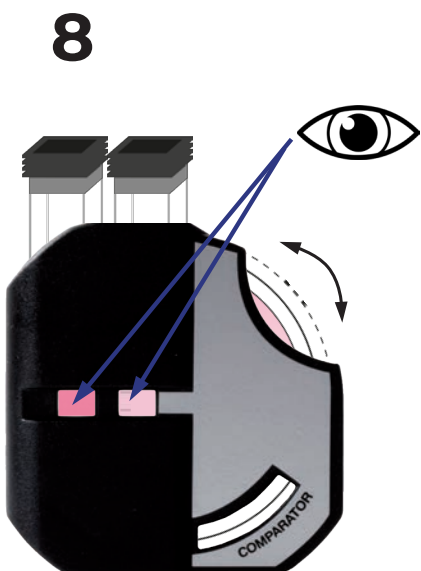
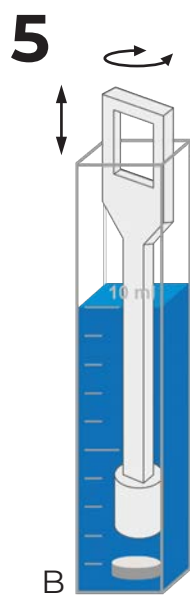
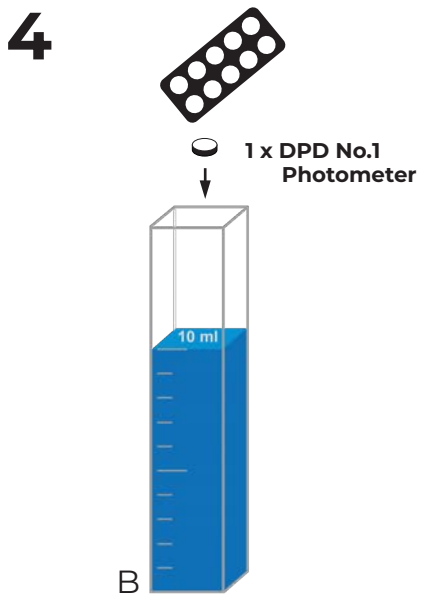
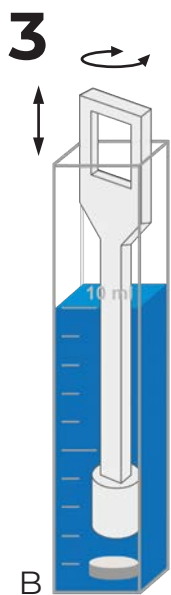


# 6



# 7





## Calcium Hardness No.1 Photometer:

UFI: 4K59-NA5F-A316-94MP



### WARNING

**H302** - Harmful if swallowed

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P270** - Do not eat, drink or smoke when using this product

**P301 + P312** - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

**P330** - Rinse mouth

**P501** - Dispose of contents/ container to an approved waste disposal plant

## Calcium Hardness No.2 Photometer:

UFI: 7M15-UW8V-J31V-AD28



### WARNING

**H302** - Harmful if swallowed

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P270** - Do not eat, drink or smoke when using this product

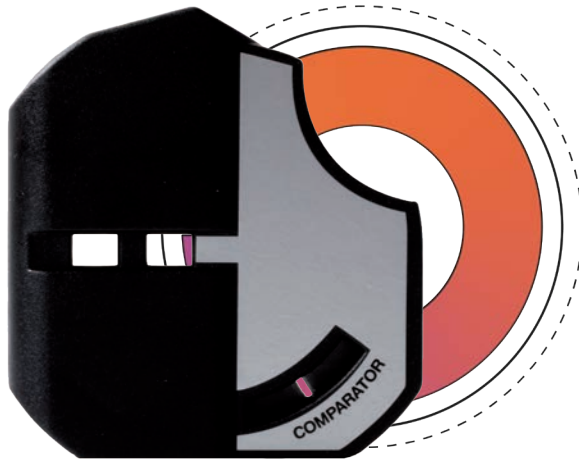
**P301 + P312** - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

**P330** - Rinse mouth

**P501** - Dispose of contents/ container to an approved waste disposal plant

# Calcium Hardness

(0 - 500 mg/l CaCO<sub>3</sub>)



Calcium Hardness No.1 Photometer



Calcium Hardness No.2 Photometer



Calcium Hardness



Dureza cálcica



Kalziumhärte



Dureza cálcica



Dureté calcique



Calcium-hårdhed



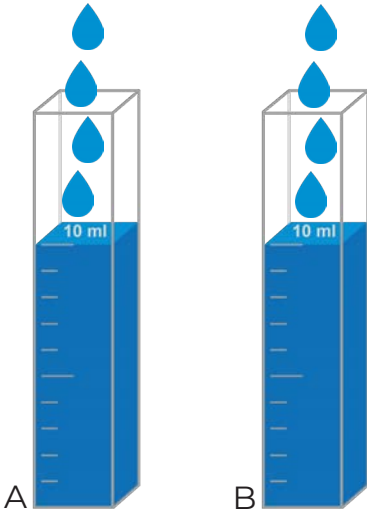
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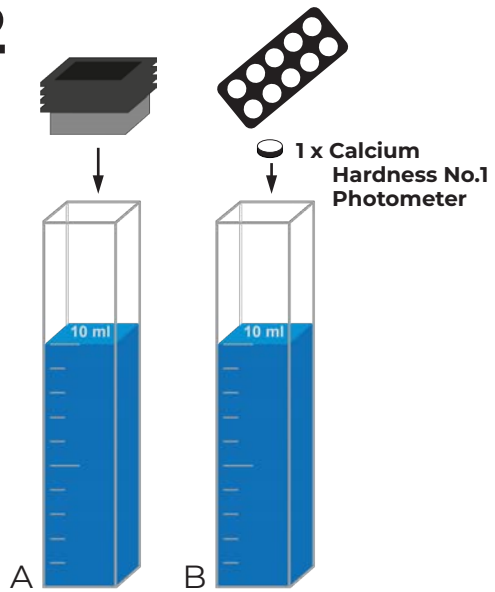
Calciumhardheid

# 1

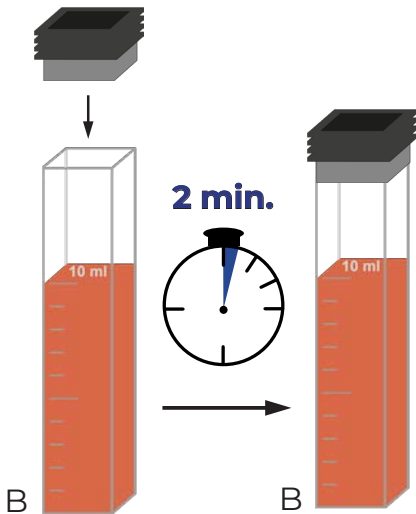
10 ml sample water each



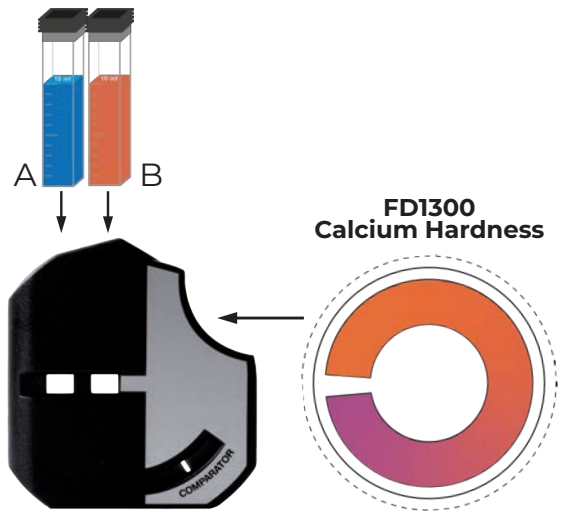
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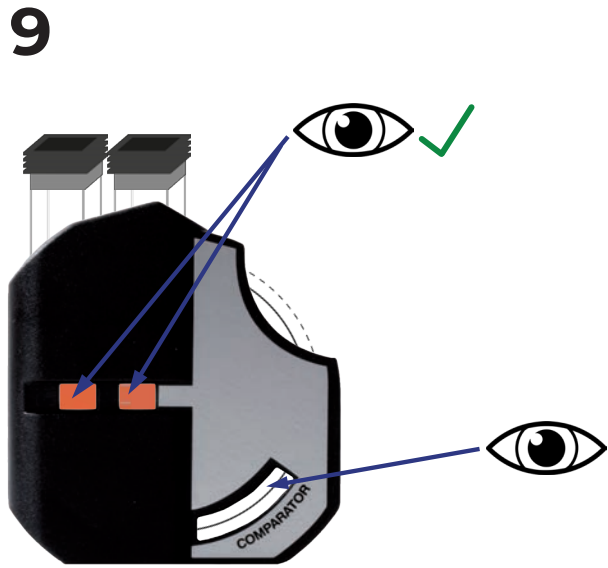
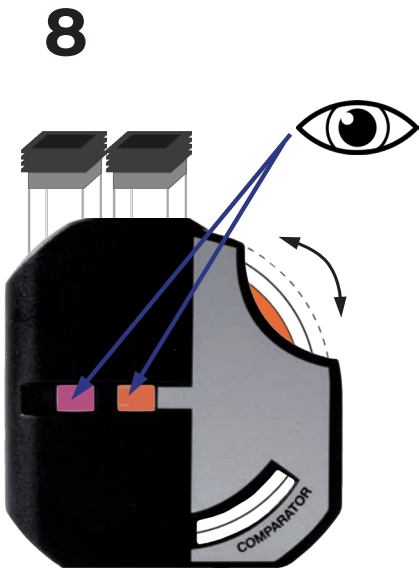
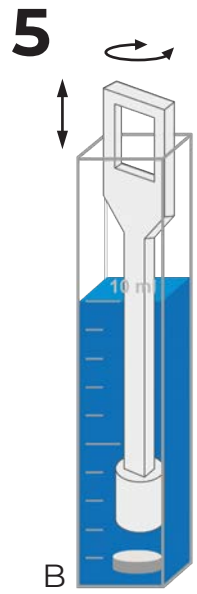
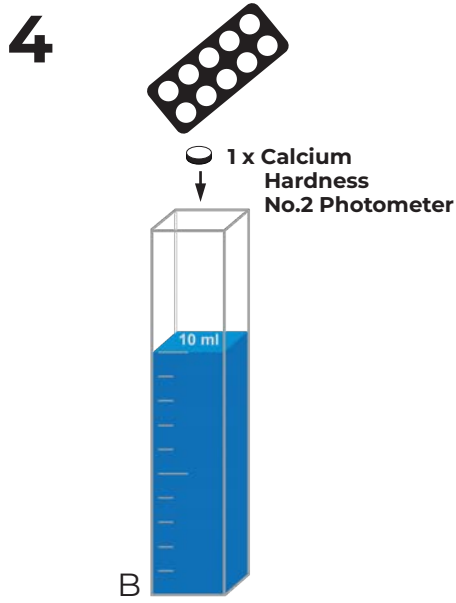
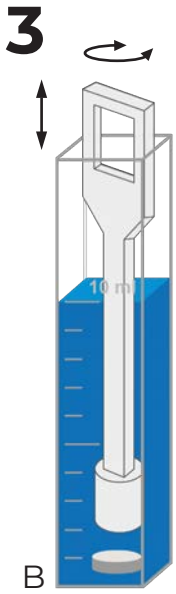


# 6



# 7





# Oxygen Scavenger 1:

UFI: XH00-60WR-T00Q-TFP4



## **DANGER**

**H314** - Causes severe skin burns and eye damage

**H290** - May be corrosive to metals

**EUH071** - Corrosive to the respiratory tract

**P260** - Do not breathe dust, fume, gas, mist, vapors and spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

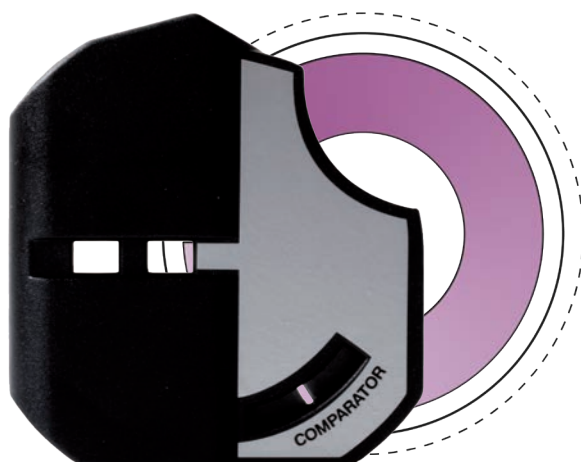
**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

**P363** - Wash contaminated clothing before reuse

# Carbohydrazide

(0.00 - 0.65 mg/l CH<sub>6</sub>N<sub>4</sub>O)



Oxygen Scavenger 1



Oxygen Scavenger 2



Carbohydrazide



Kohlenstoffhydrazid



Hydrazide de carbone



Idrazide di carbonio



Hidrazida de carbono



Hidrazida de carbono



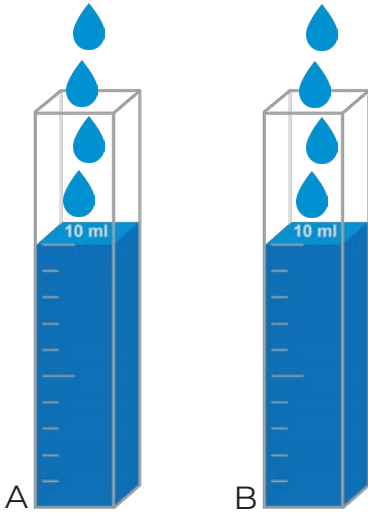
Kulstofhydrazid



Koolhydrazide

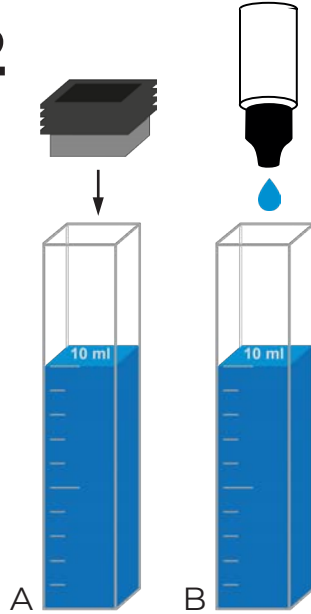
# 1

10 ml sample water each



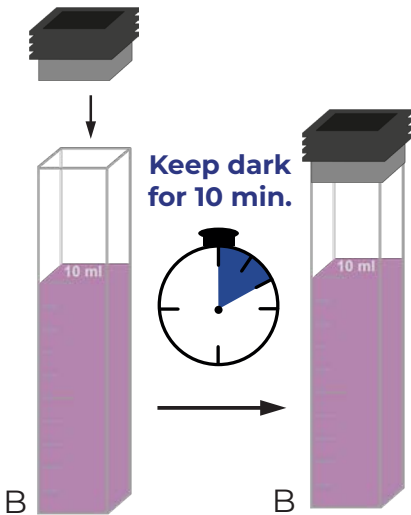
# 2

6 drops  
Oxygen  
Scavenger 1



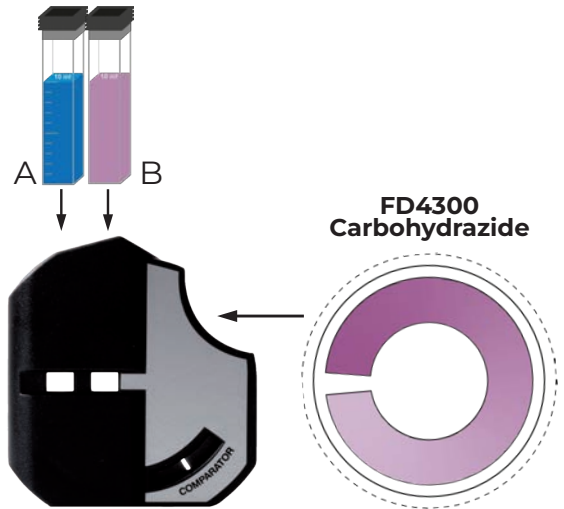
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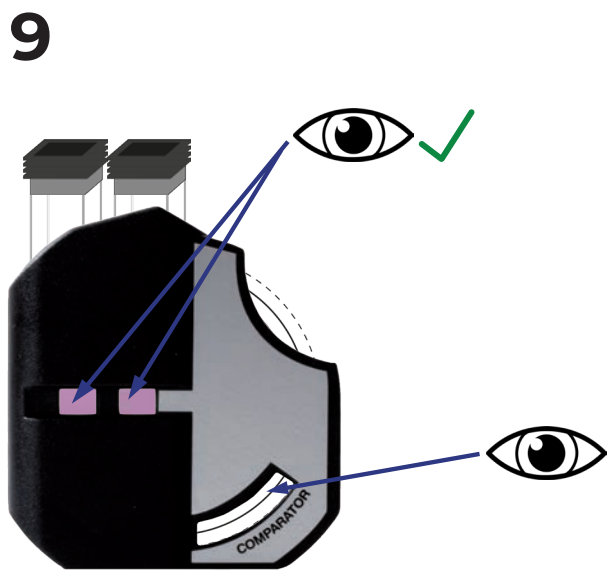
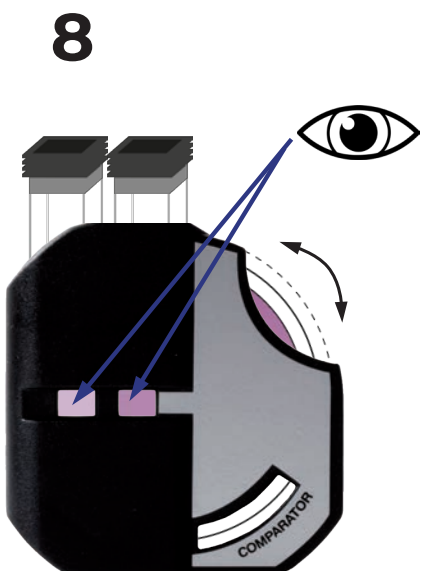
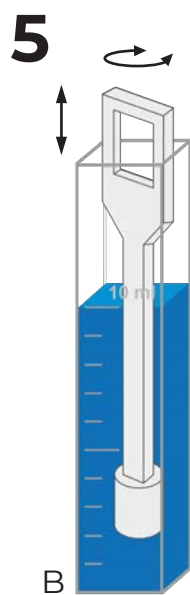
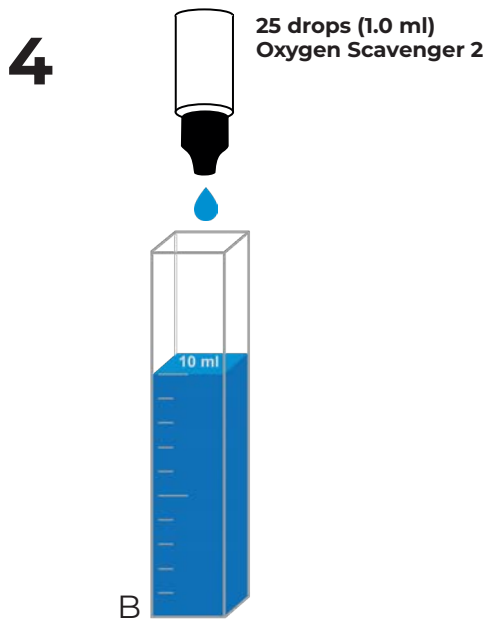
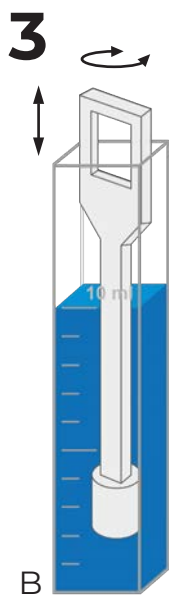
Keep dark  
for 10 min.



# 7

FD4300  
Carbohydrazide





## Chloride No.1 Photometer:

UFI: QYRT-WAWD-S51H-U3DP



### DANGER

**H314** - Causes severe skin burns and eye damage

**P260** - Do not breath dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water [or shower]

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

## Chloride No.2 Photometer:

UFI: JK14-NNER-451W-55D5



### DANGER

**H314** - Causes severe skin burns and eye damage

**H317** - May cause an allergic skin reaction

**H319** - Causes serious eye irritation

**H334** - May cause allergy or asthma symptoms or breathing difficulties if inhaled

**H411** - Toxic to aquatic life with long lasting effects

**P260** - Do not breath dust/fume/gas/mist/vapours/spray

**P273** - Avoid release to the environment

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water [or shower]

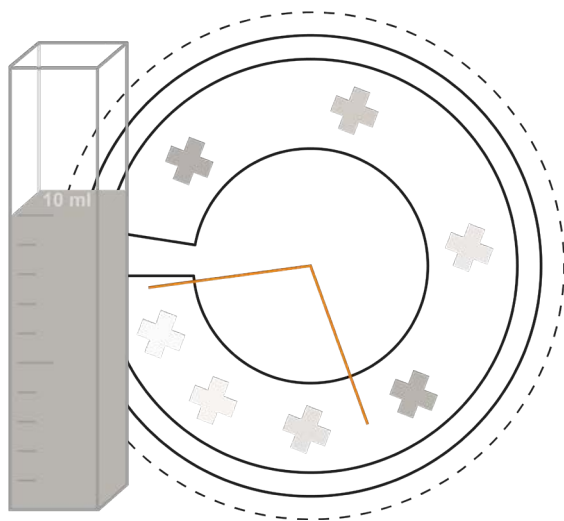
**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

**P391** - Collect spillage

# Chloride

(0 - 40 mg/l Cl<sup>-</sup>)



**Chloride No.1 Photometer**



**Chloride No.2 Photometer**



**Chloride**



**Chlorid**



**Chlorure**



**Cloruro**



**Cloruro**



**Cloreto**

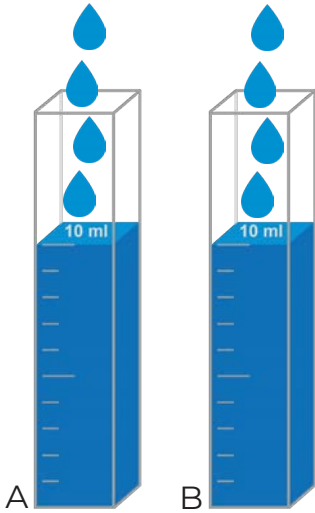


**Klorid**

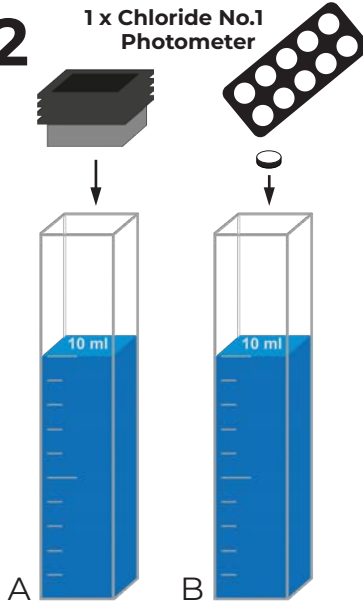


**Chloride**

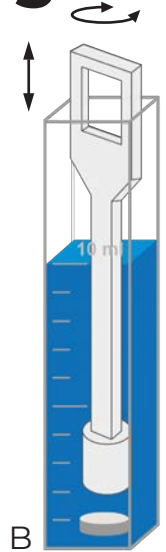
**1** 10 ml sample water each



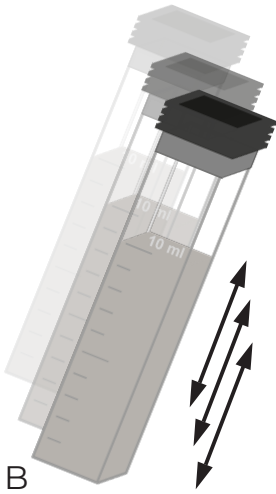
**2** 1 x Chloride No.1 Photometer



**3**

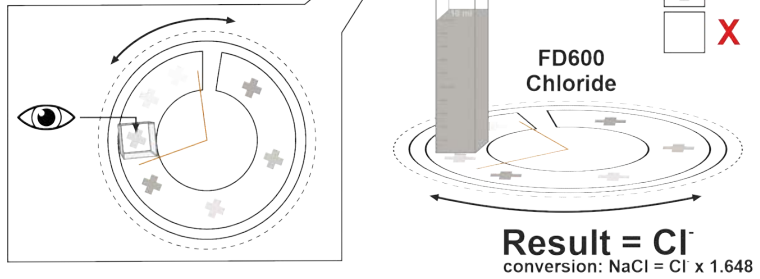


**7**



**8**

8a 0 - 10 mg/l Cl<sup>-</sup>  
Disc **below** vial

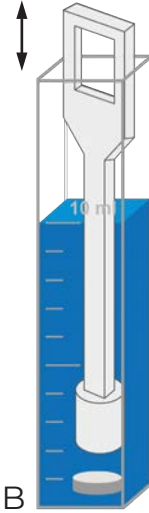




1 x Chloride  
No.2  
Photometer



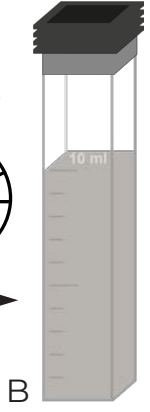
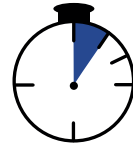
5



6

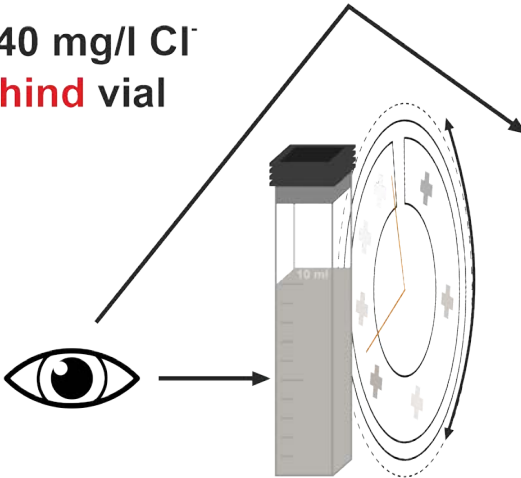


5 min.



9

8b 14 - 40 mg/l Cl<sup>-</sup>  
Disc **behind** vial



FD600  
Chloride

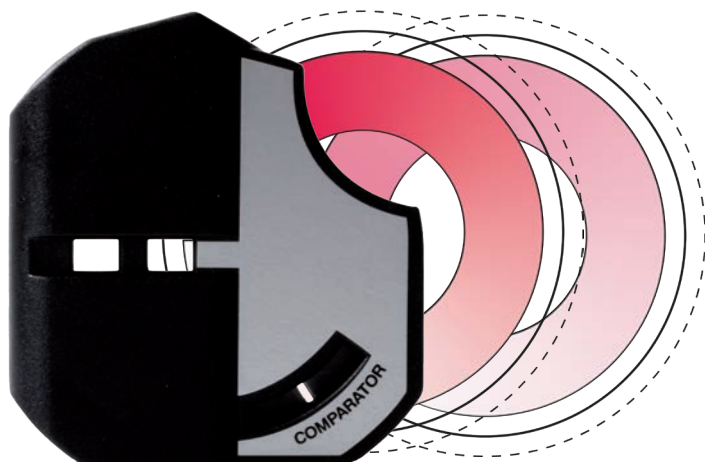
**Result = Cl<sup>-</sup>**

conversion: NaCl = Cl<sup>-</sup> x 1.648



# Chlorine LR / MR

(0.00 - 1.00 / 5.00 mg/l Cl<sub>2</sub>)



DPD No.1 Photometer



DPD No.3 Photometer



Chlorine LR / MR



Chlor LR / MR



Chlore LR / MR



Cloro LR / MR



Cloro LR / MR



Cloro LR / MR

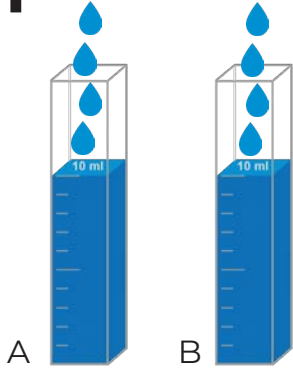


Klor LR / MR

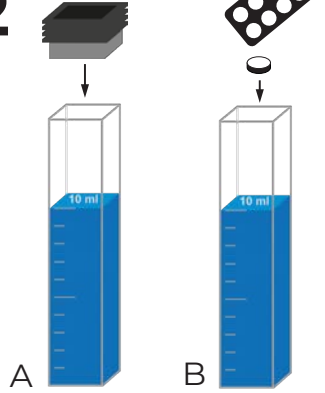


Chloor LR / MR

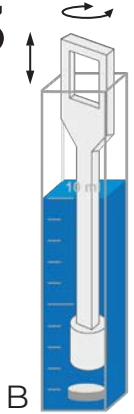
**1** 10 ml sample water each



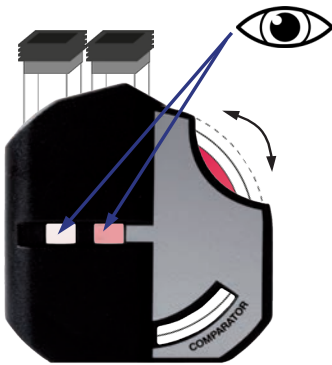
**2** 1 x DPD No.1 Photometer



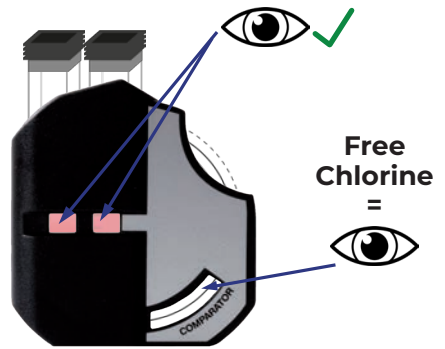
**3**



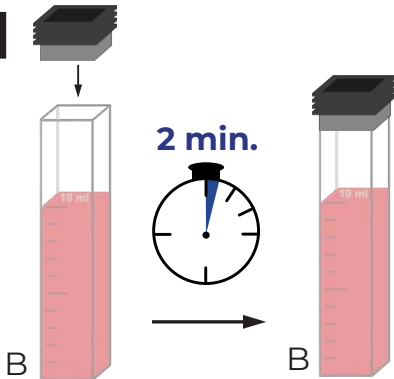
**6**



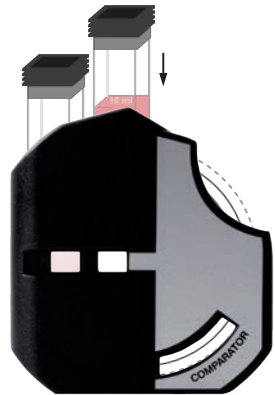
**7**



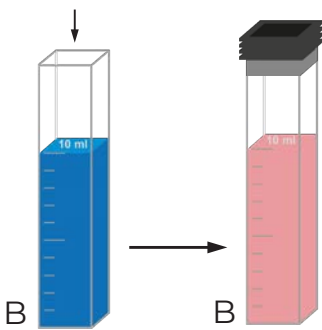
**11**



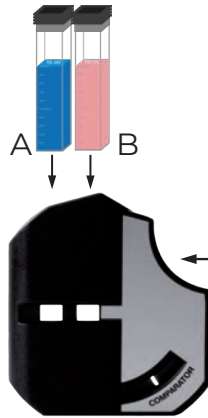
**12**



4



5

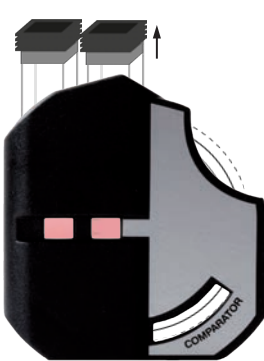


Expected value <1  
FD100 Chlorine LR

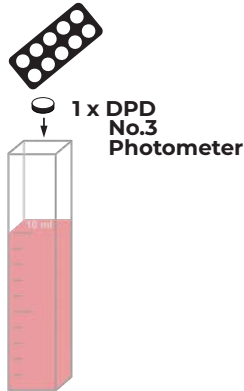
Expected Value >1  
FD101 Chlorine MR

FD100 Chlorine LR  
FD101 Chlorine MR

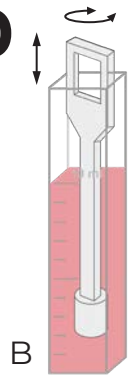
8



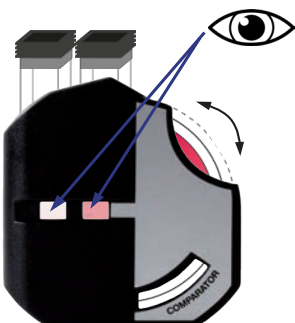
9



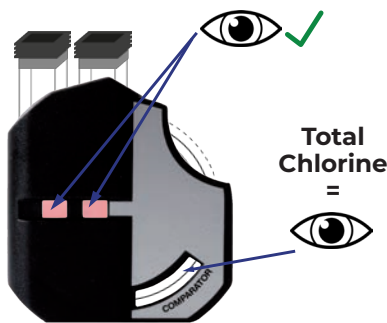
10



13



14

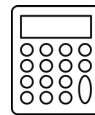


15

Total Chlorine  
*minus*

Free Chlorine  
=

Combined Chlorine



## Chlorine HR (KI):

UFI: 4WFC-S65D-861G-JX2U



### WARNING

**H373** - May cause damage to organs through prolonged or repeated exposure if swallowed

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

**P314** - Get medical advice/attention if you feel unwell

**P501** - Dispose of contents/ container to an approved waste disposal plant

## Acidifying GP:

UFI: WYJT-DUQY-1W0J-4MWT



### WARNING

**H319** - Causes serious eye irritation

**H335** - May cause respiratory irritation

**P261** - Avoid breathing dust/fume/gas/mist/vapours/spray

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear eye protection/ face protection

**P312** - Call a POISON CENTER or doctor if you feel unwell

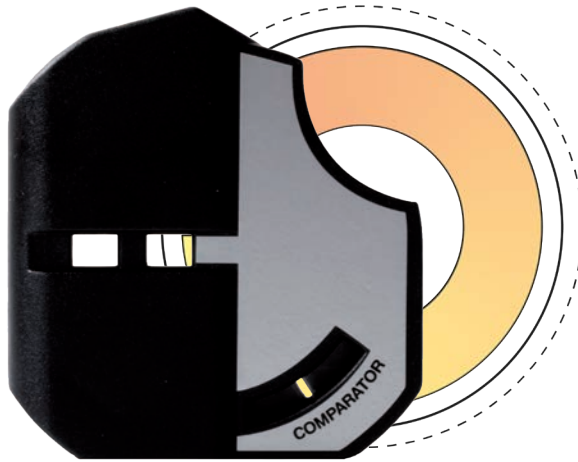
**P337 + P313** - If eye irritation persists: Get medical advice/attention

**P403 + P233** - Store in a well-ventilated place. Keep container tightly closed

**P501** - Dispose of contents/ container to an approved waste disposal plant

# Chlorine HR

(10 - 300 mg/l Cl<sub>2</sub>)



 Chlorine HR (KI)

 Acidifying GP

 Chlorine HR

 Chlor HR

 Chlore HR

 Cloro HR

 Cloro HR

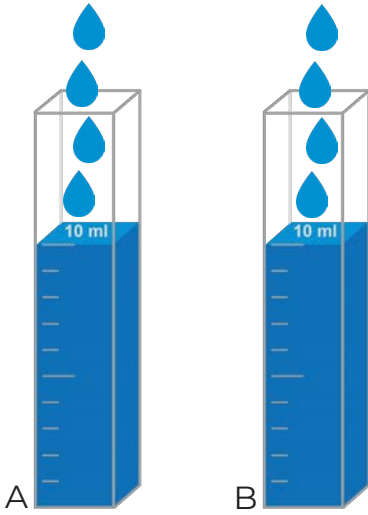
 Cloro HR

 Klor HR

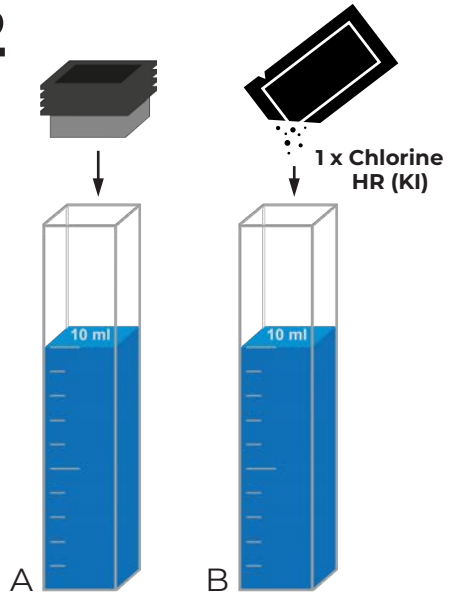
 Chloor HR

**1**

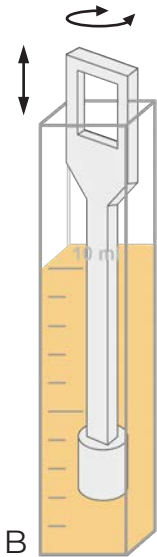
10 ml sample water each



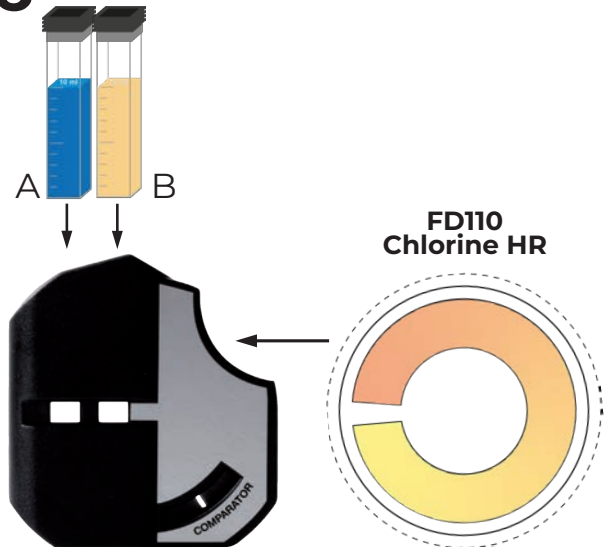
**2**



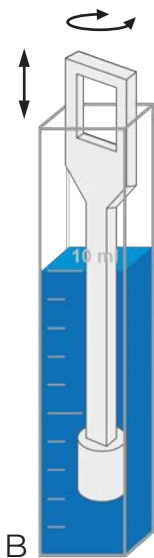
**5**



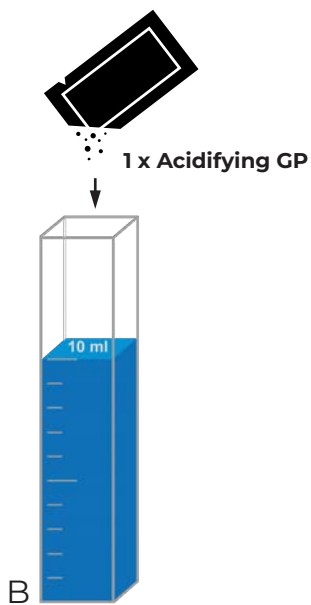
**6**



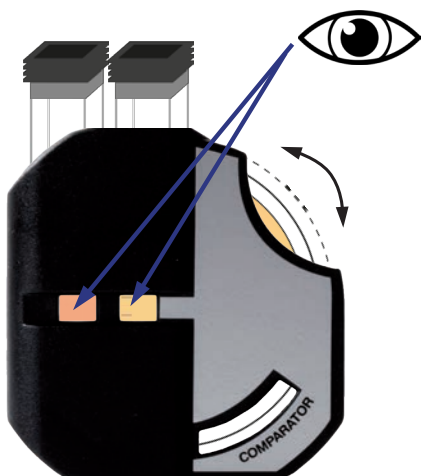
3



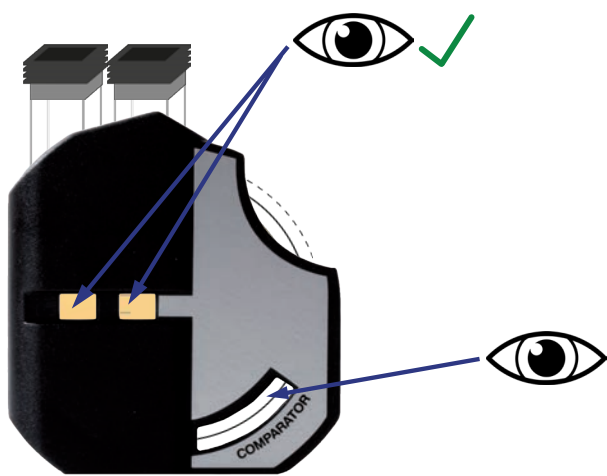
4



7



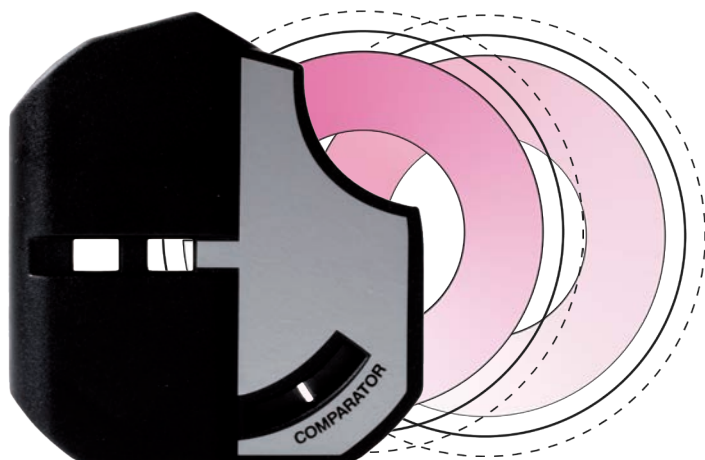
8





# Chlorine Dioxide LR / HR

(0.00 - 1.90 / 6.65 mg/l ClO<sub>2</sub>)



Glycine



DPD No.1 Photometer



Chlorine Dioxide



Chlordioxid



Dioxyde de chlore



Biossido di cloro



Dióxido de cloro



Dióxido de cloro



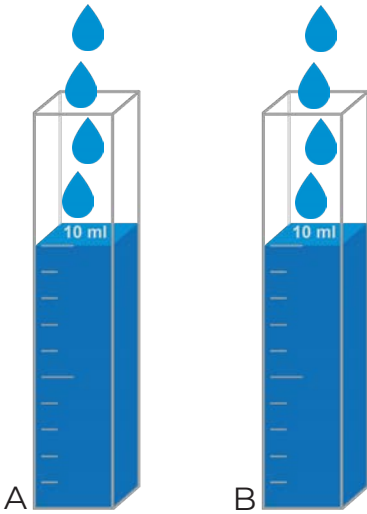
Klordioxid



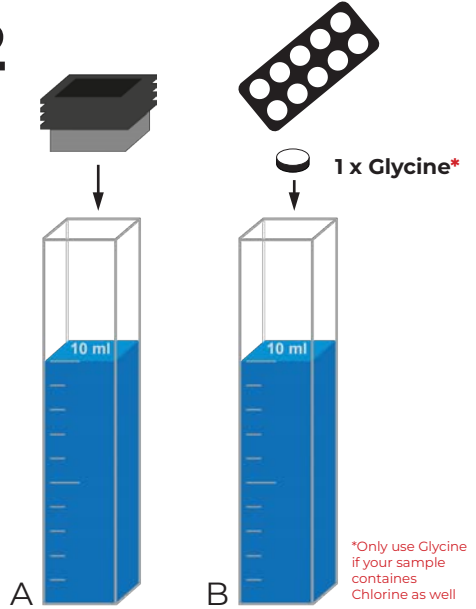
Chloordioxide

1

10 ml sample water each

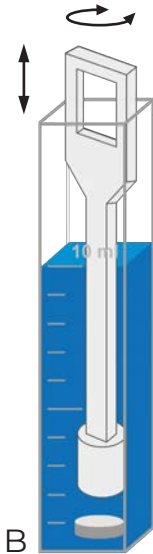


2



\*Only use Glycine if your sample contains Chlorine as well

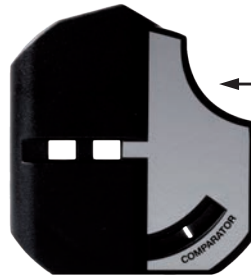
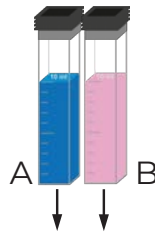
5



6

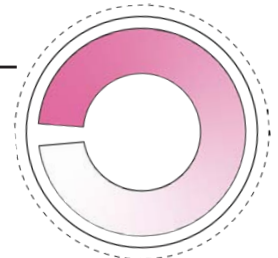
Expected value <1.90  
FD910 Chlorine Dioxide LR

Expected Value >1.90  
FD900 Chlorine Dioxide HR

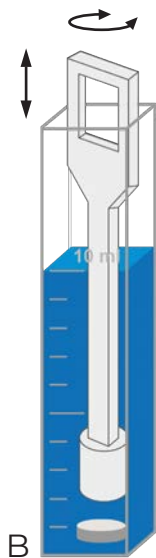


**FD900**  
Chlorine Dioxide HR

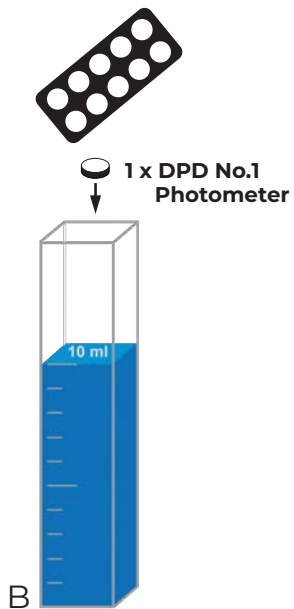
**FD910**  
Chlorine Dioxide LR



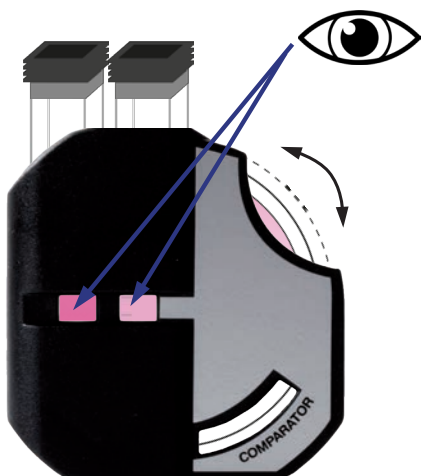
3



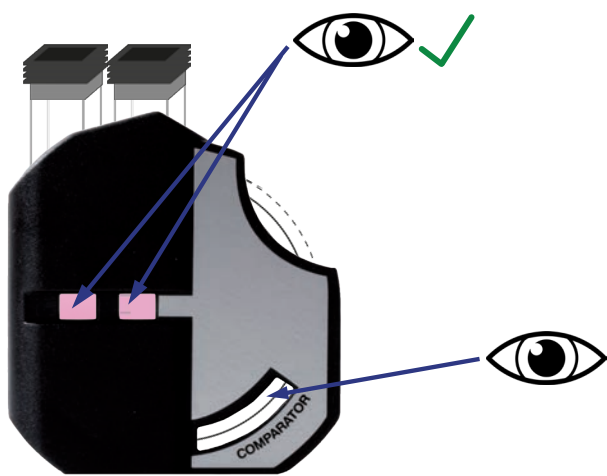
4



7



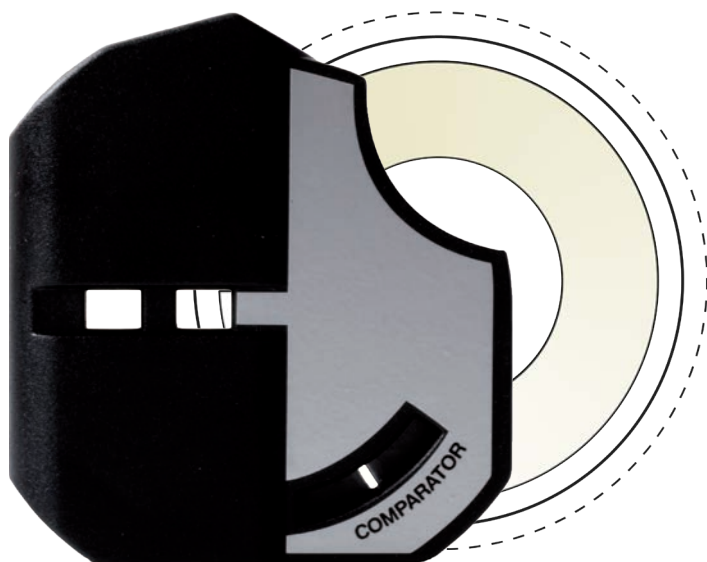
8





# Colour (Hazen/APHA)

(15 - 500 mg/l Pt/Co)



Colour (Hazen/APHA)



Farbe (Hazen/APHA)



Couleur (Hazen/APHA)



Colore (Hazen/APHA)



Color (Hazen/APHA)



Cor (Hazen/APHA)

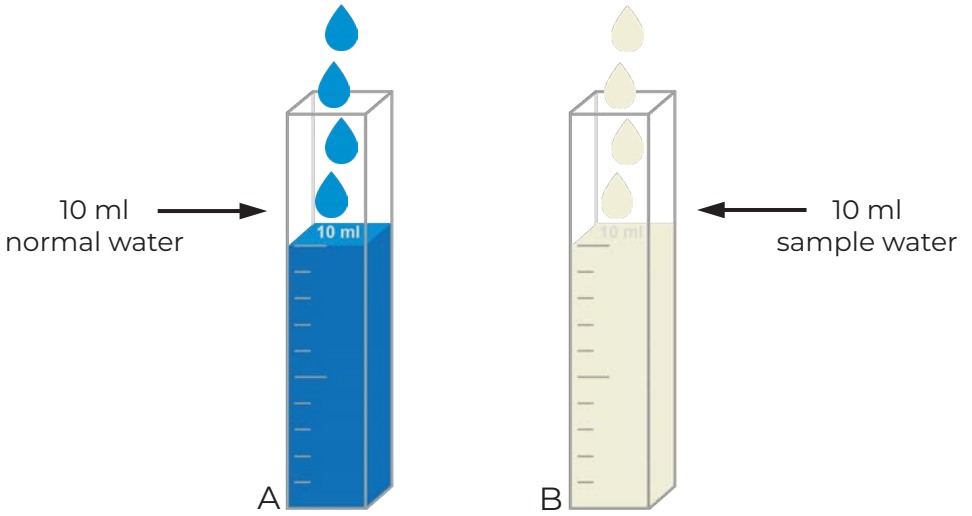


Farve (Hazen/APHA)

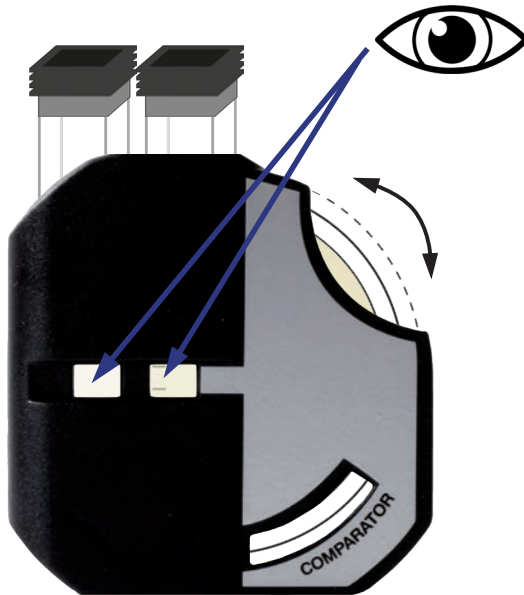


Kleur (Hazen/APHA)

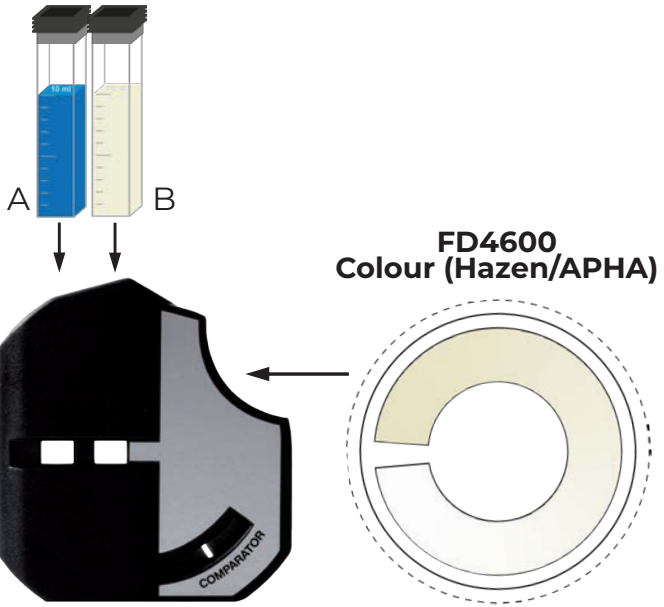
# 1



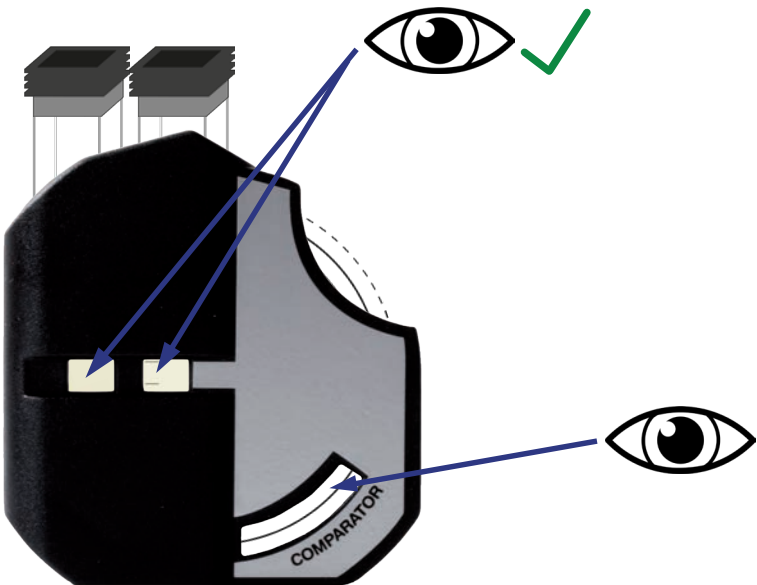
# 3



2



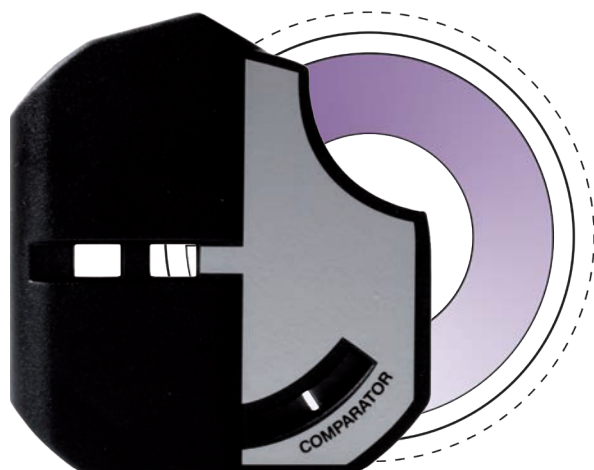
4





# Copper

(0.0 - 5.0 mg/l Cu<sup>2+</sup>)



Copper No.1 Photometer



Copper No.2 Photometer



Copper



Kupfer



Cuivre



Rame



Cobre



Cobre

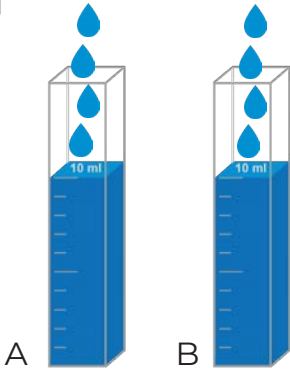


Kobber



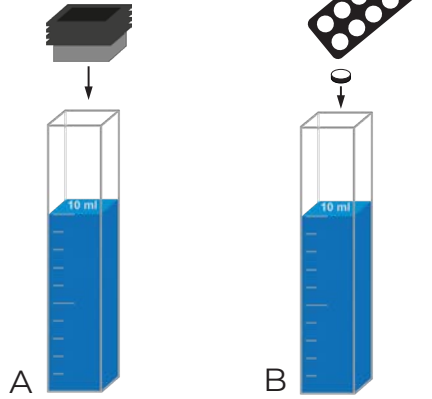
Koper

**1** 10 ml sample water each

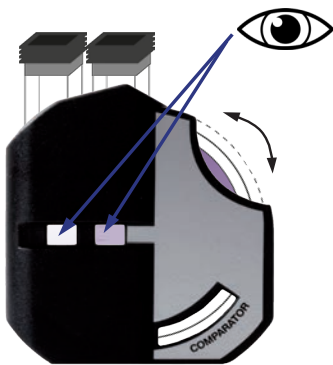


**2**

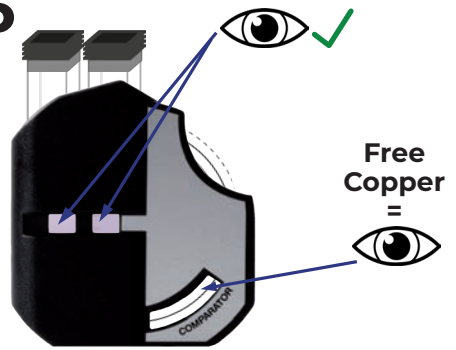
1 x Copper No.1 Photometer



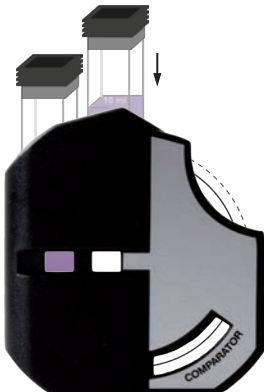
**5**



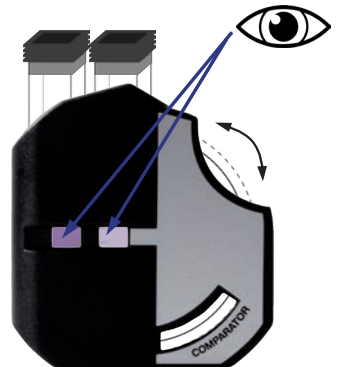
**6**



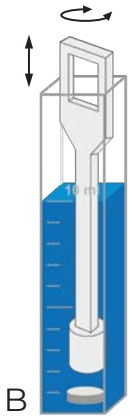
**10**



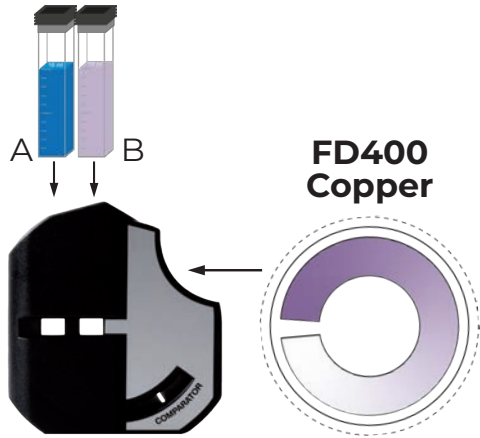
**11**



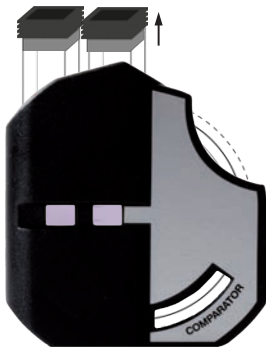
3



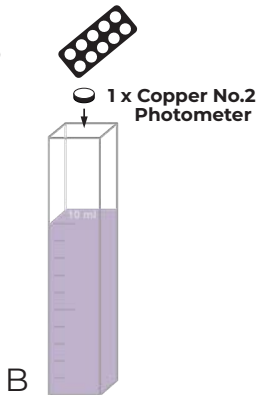
4



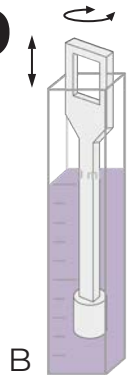
7



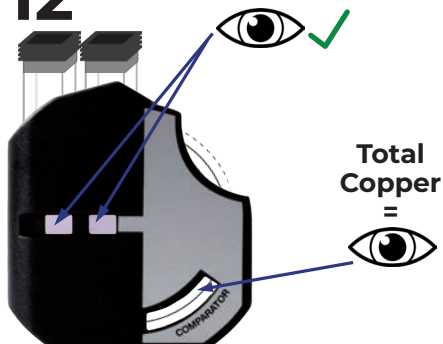
8



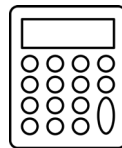
9



12



13



Total Copper  
*minus*  
 Free Copper  
 =  
 Combined Copper

## Dechlor:

UFI: 361P-TS8X-C81V-KPEP



### WARNING

**H302** - Harmful if swallowed

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P270** - Do not eat, drink or smoke when using this product

**P301 + P312** - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

**P330** - Rinse mouth

**P501** - Dispose of contents/ container to an approved waste disposal plant

## EDTA:

UFI: NA7M-VDD3-UEIX-TWJG



### DANGER

**H312** - Harmful in contact with skin

**H332** - Harmful if inhaled

**H360FD** - May damage fertility. May damage the unborn child

**P201** - Obtain special instructions before use

**P261** - Avoid breathing dust, fume, gas, mist, vapors and spray

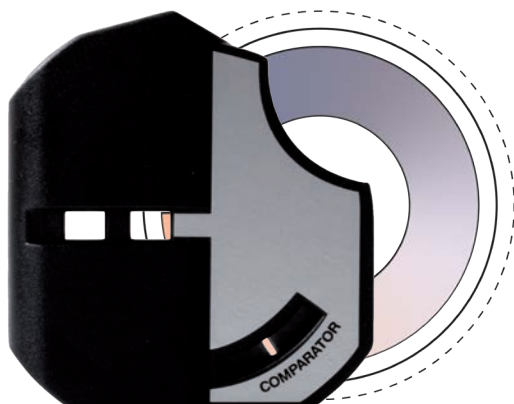
**P280** - Wear protective gloves, protective clothing, eye protection and face protection

**P312** - Call a POISON CENTER or doctor if you feel unwell

**P501** - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

# Copper/Zinc LR

(0.0 - 1.0 mg/l  $\text{Cu}^{2+}/\text{Zn}^{2+}$ )



**Dechlor\***

\*use only if chlorine is present



**Copper/Zinc LR Photometer**



**EDTA**



**Copper/Zinc LR**



**Kupfer/Zink LR**



**Cuivre/Zinc LR**



**Rame/zinco LR**



**Cobre/Zinc LR**



**Cobre/Zinco LR**

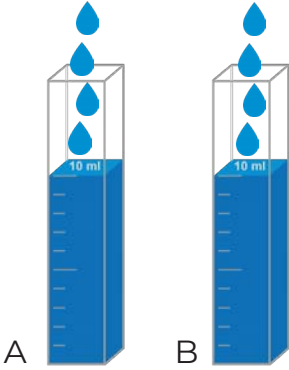


**Kobber/Zink LR**

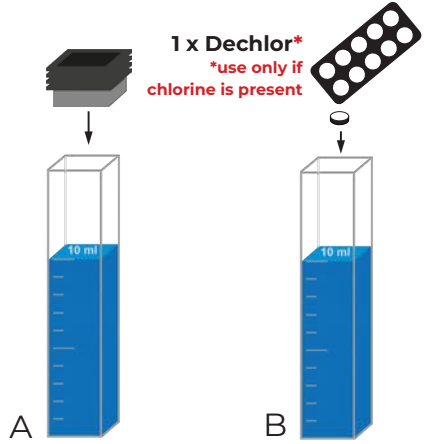


**Koper/Zink LR**

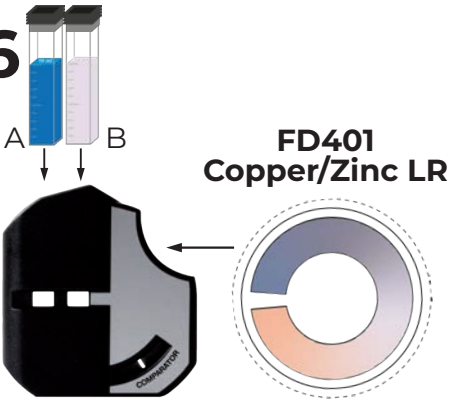
**1** 10 ml sample water each



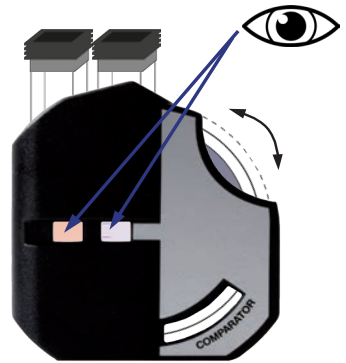
**2**



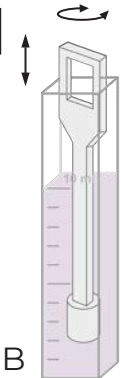
**6**



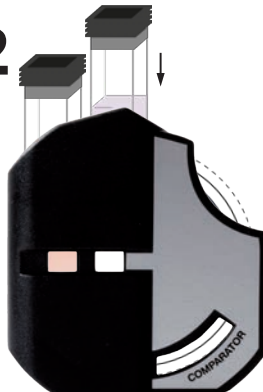
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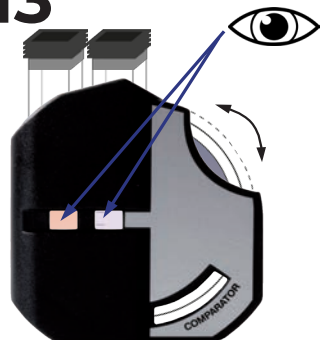
**11**



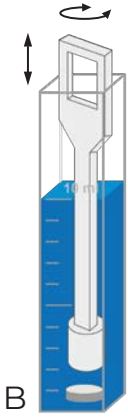
**12**



**13**



3



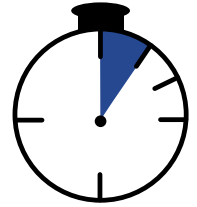
4

Copper/Zinc LR  
Photometer

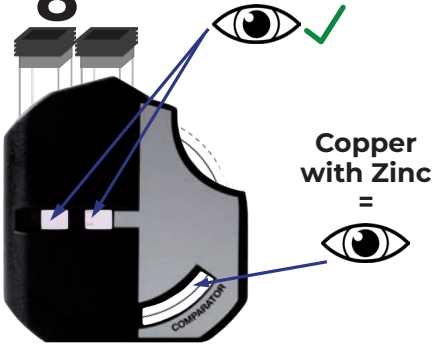


5

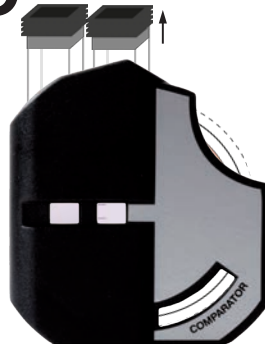
5 min.



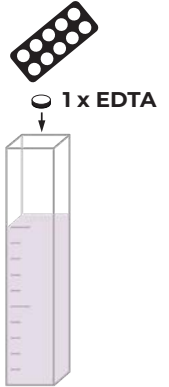
8



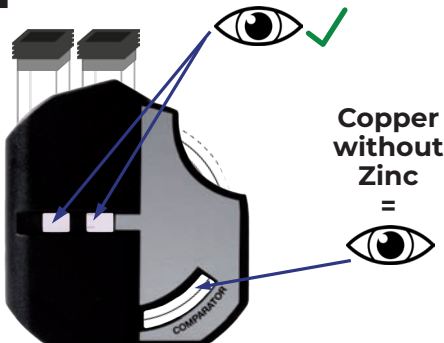
9



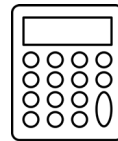
10



14



15



Copper  
with Zinc  
*minus*  
Copper  
without Zinc  
=  
Zinc

## Dechlor:

UFI: 361P-TS8X-C81V-KPEP



### WARNING

**H302** - Harmful if swallowed

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P270** - Do not eat, drink or smoke when using this product

**P301 + P312** - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

**P330** - Rinse mouth

**P501** - Dispose of contents/ container to an approved waste disposal plant

## EDTA:

UFI: NA7M-VDD3-UEIX-TWJG



### DANGER

**H312** - Harmful in contact with skin

**H332** - Harmful if inhaled

**H360FD** - May damage fertility. May damage the unborn child

**P201** - Obtain special instructions before use

**P261** - Avoid breathing dust, fume, gas, mist, vapors and spray

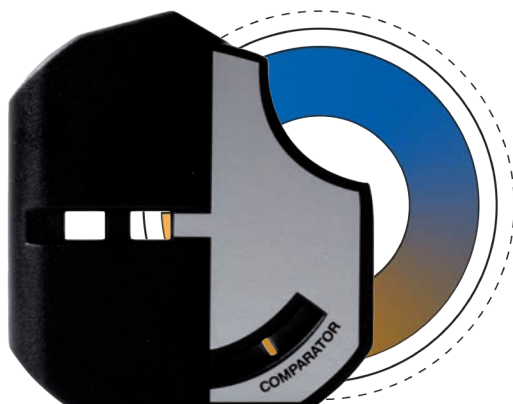
**P280** - Wear protective gloves, protective clothing, eye protection and face protection

**P312** - Call a POISON CENTER or doctor if you feel unwell

**P501** - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

# Copper/Zinc HR

(0.00 - 5.00 mg/l  $\text{Cu}^{2+}/\text{Zn}^{2+}$ )



**Dechlor\***

\*use only if chlorine is present



**Copper/Zinc HR Photometer**



**EDTA**



**Copper/Zinc HR**



**Kupfer/Zink HR**



**Cuivre/Zinc HR**



**Rame/zinco HR**



**Cobre/Zinc HR**



**Cobre/Zinco HR**

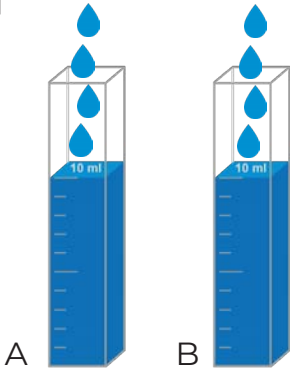


**Kobber/Zink HR**

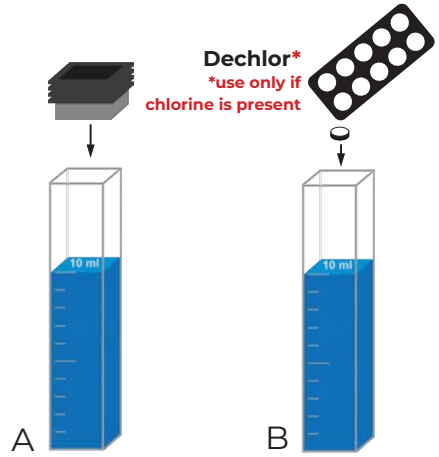


**Koper/Zink HR**

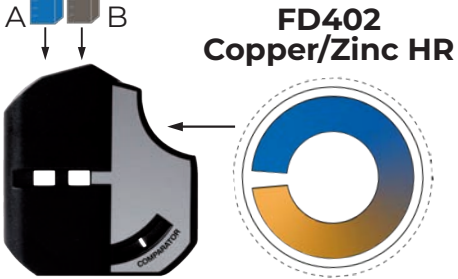
**1** 10 ml sample water each



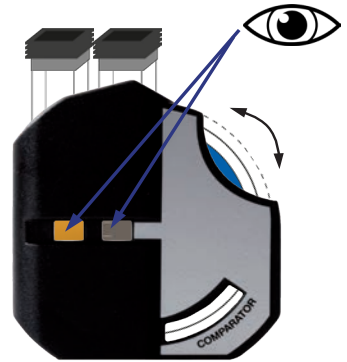
**2**



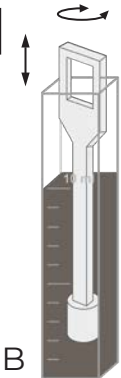
**6**



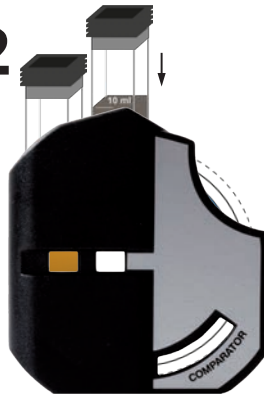
**7**



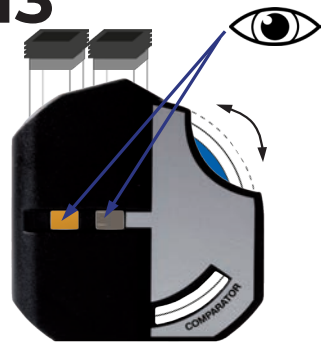
**11**



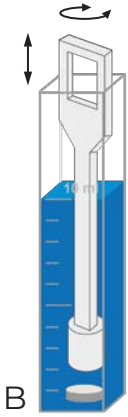
**12**



**13**



3



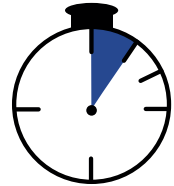
4

Copper/Zinc HR  
Photometer

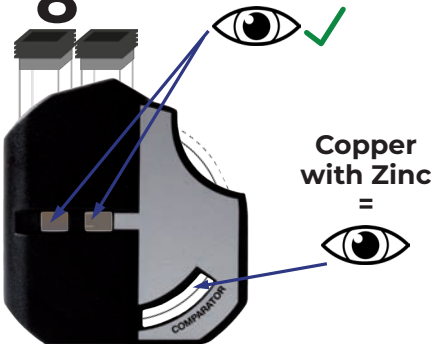


5

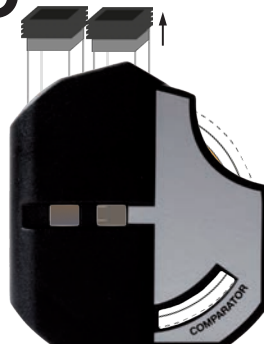
5 min.



8



9



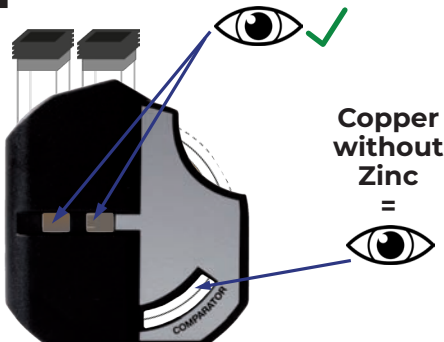
10



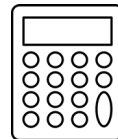
1 x EDTA



14



15



Copper  
with Zinc  
*minus*  
Copper  
without Zinc  
=  
Zinc

## CYA-Test Photometer:

UFI: QKDT-0H5V-C810-GN06



### WARNING

**H351** - Suspected of causing cancer

**P201** - Obtain special instructions before use.

**P280** - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection

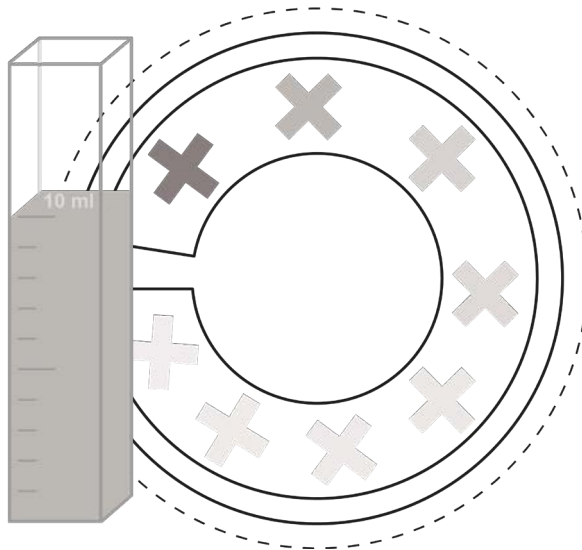
**P308+P313** - IF exposed or concerned: Get medical advice/attention

**P405** - Store locked up

**P501** - Dispose of contents/container to industrial combustion plant

# Cyanuric Acid

(10 - 80 mg/l Cya)



**CYA-Test Photometer**



Cyanuric Acid



Cyanursäure



Acide cyanurique



Acido cianurico



Ácido cianúrico



Ácido cianúrico

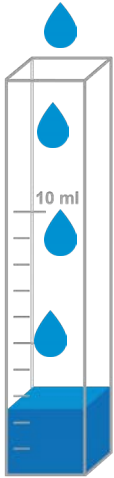


Cyanursyre



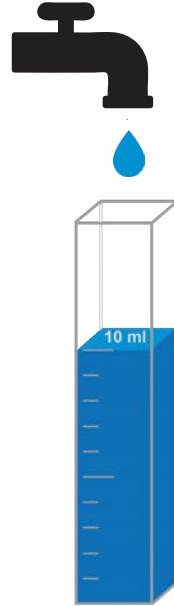
Cyanuurzuur

1



2,5 ml  
sample water

2

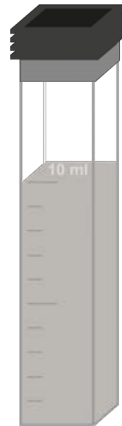


7,5 ml  
tap water

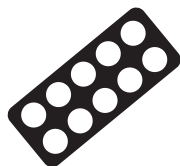
5



1 min.



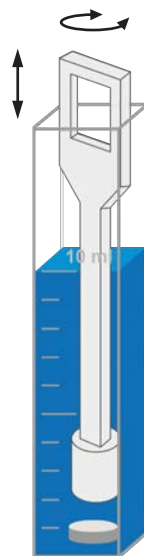
3



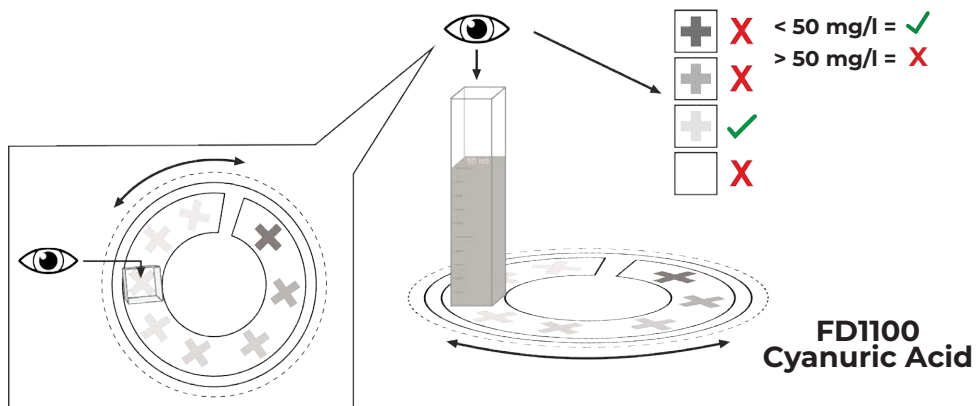
1 x CYA-Test  
Photometer



4



6



## DEHA Test Solution:

UFI: UC00-60HY-600Q-GSH0



### DANGER

**H314** - Causes severe skin burns and eye damage

**H290** - May be corrosive to metals

**EUH071** - Corrosive to the respiratory tract

**P260** - Do not breathe dust, fume, gas, mist, vapors and spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

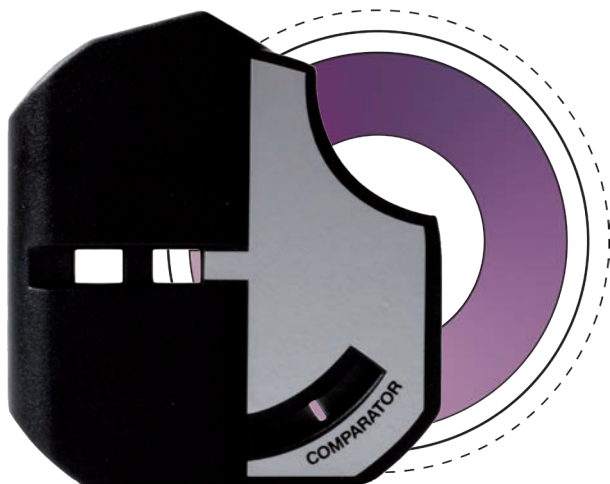
**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

# DEHA

(0.00 - 0.50 mg/l DEHA)



DEHA Test Solution



DEHA Indicator Solution



DEHA



DEHA



DEHA



DEHA



DEHA



DEHA



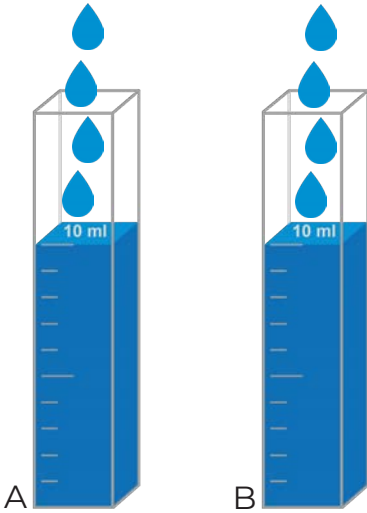
DEHA



DEHA

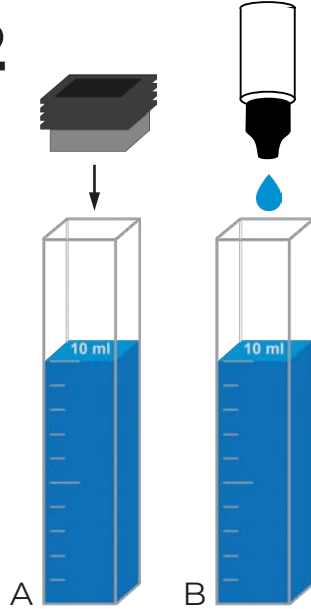
# 1

10 ml sample water each

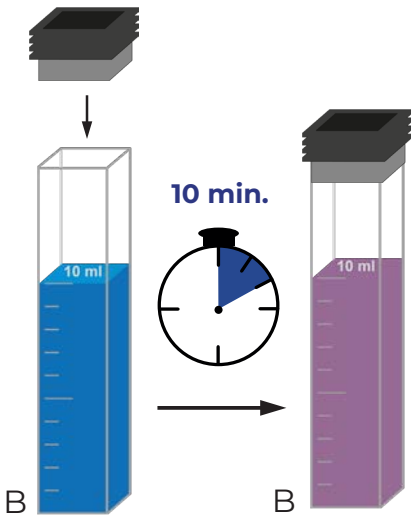


# 2

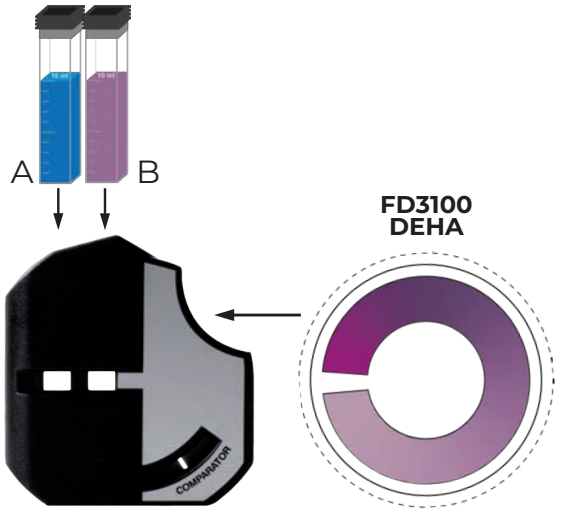
6 drops  
DEHA  
Test Solution

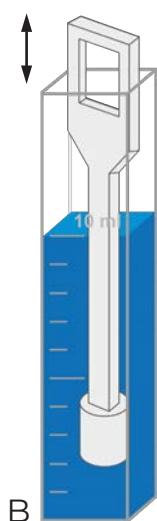


# 6

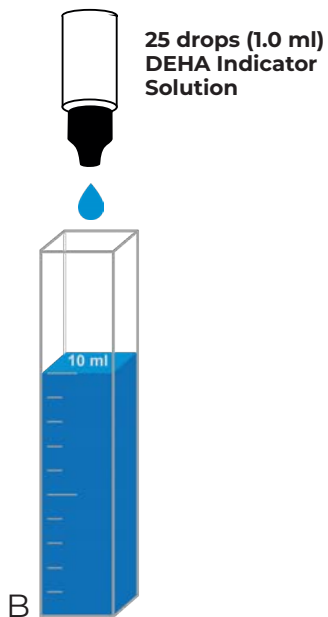


# 7

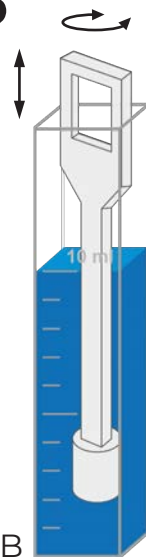


**3**

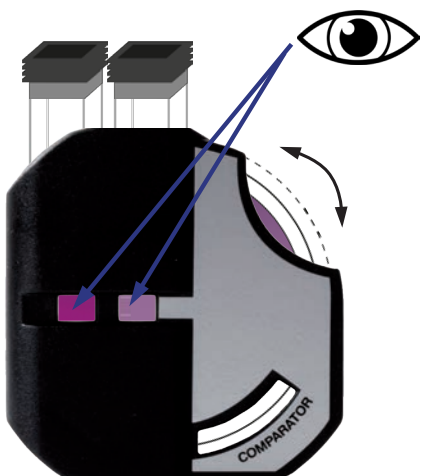
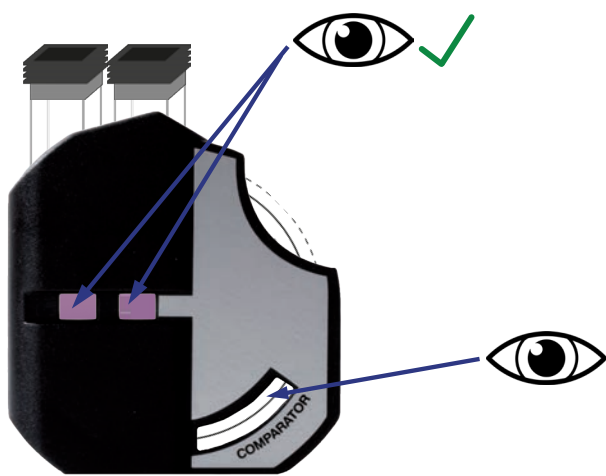
B

**4**

B

**5**

B

**8****9**

## PL Fluoride 1:

UFI: 3QG0-G0Y1-F00R-F0N4



### WARNING

**H315** - Causes skin irritation

**H319** - Causes serious eye irritation

**P264** - Wash hands thoroughly after handling

**P280** - Wear protective gloves/protective clothing/eye protection/face protection

**P302 + P352** - IF ON SKIN: Wash with plenty of water/shower

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

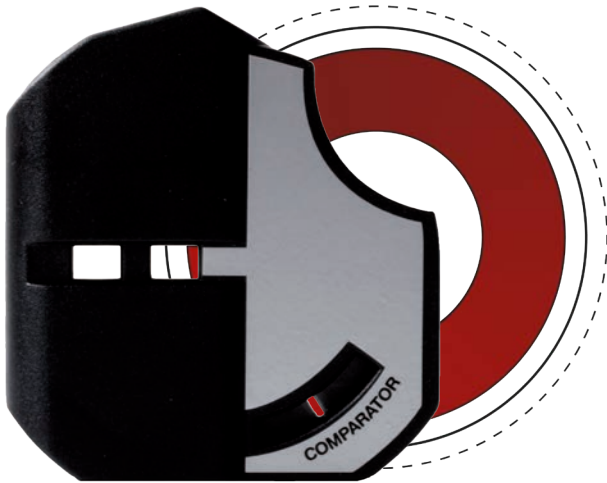
**P362** - Take off contaminated clothing

## PL Fluoride 2:

**P280** - Wear protective gloves/protective clothing/eye protection/face protection

# Fluoride

(0.0 - 2.0 mg/l F)



PL Fluoride 1



PL Fluoride 2



Fluoride



Fluorid



Fluorure



Fluoruro



Fluoruro



Fluoreto



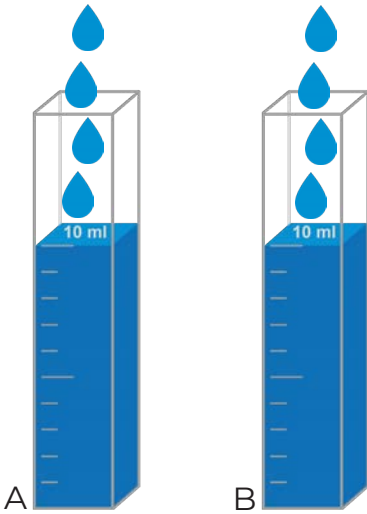
Fluorid



Fluoride

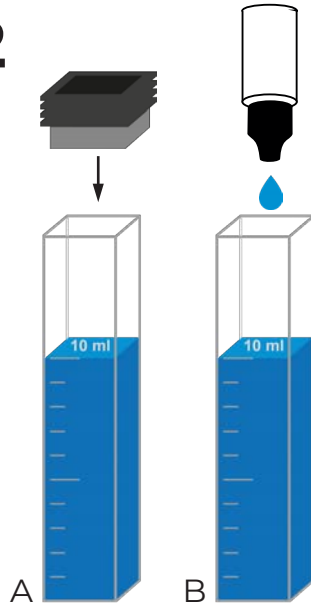
1

10 ml sample water each



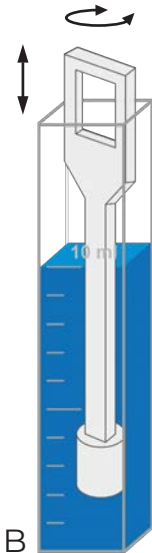
2

10 drops\*  
PL Fluoride 2

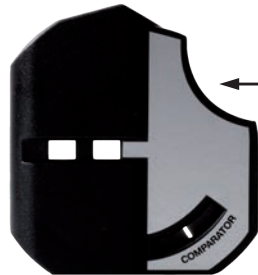
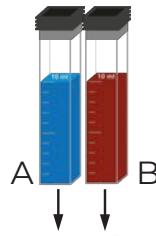


**\*Only if  
the sample  
contains  
Chlorine,  
add PL  
Fluoride 2  
before  
adding PL  
Fluoride 1!**

5



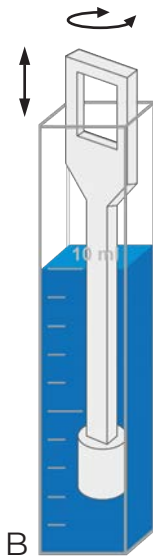
6



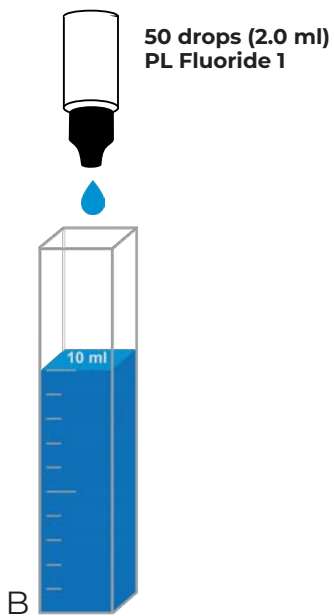
FD3500  
Fluoride



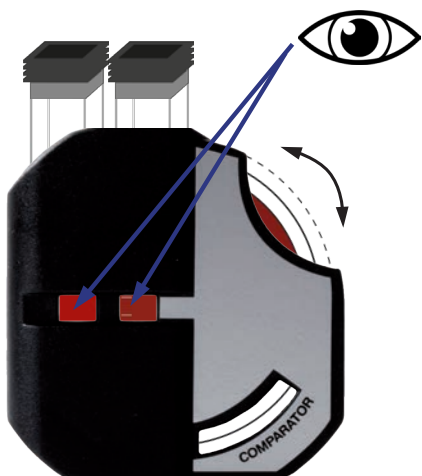
3



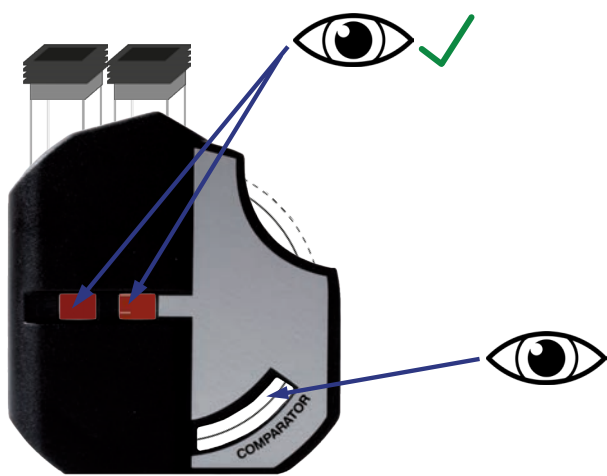
4



8



9



## Acidifying PT:

UFI: GD8U-34JN-WX0T-UEF9



### WARNING

**H315** - Causes skin irritation

**H319** - Causes serious eye irritation

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear protective gloves and eye/face protection

**P332 + P313** - If skin irritation occurs: Get medical advice/attention

**P337 + P313** - If eye irritation persists: Get medical advice/attention

**P362 + P364** - Take off contaminated clothing and wash it before reuse

## Hydrogen Peroxide HR Photometer:

Y777-G94R-WF1F-M3M4



### WARNING

**H373** - May cause damage to organs through prolonged or repeated exposure

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

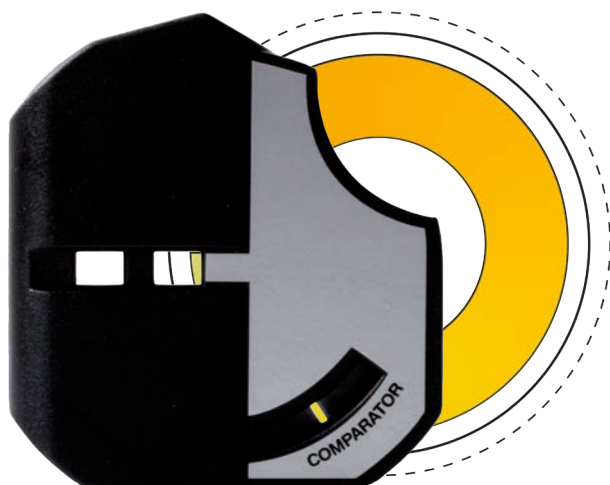
**P314** - Get medical advice/attention if you feel unwell

**P501** - Dispose of contents/ container to an approved waste disposal plant

This product requires tactile warnings if supplied to the general public.

# Hydrogen Peroxide HR

(5 - 50 mg/l H<sub>2</sub>O<sub>2</sub>)



Acidifying PT



Hydrogen Peroxide HR Photometer



Hydrogen Peroxide HR



Wasserstoffperoxid HR



Peroxyde d'hydrogène HR



Perossido di idrogeno HR



Peróxido de hidrógeno HR



Peróxido de hidrogénio HR



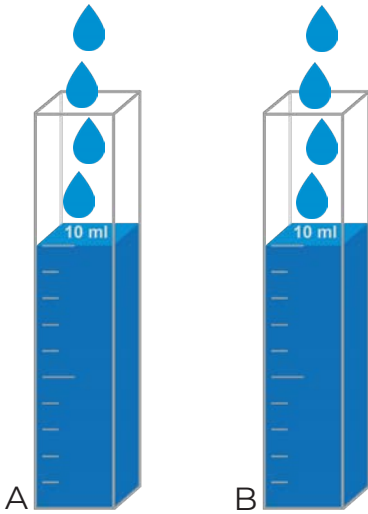
Hydrogenperoxid HR



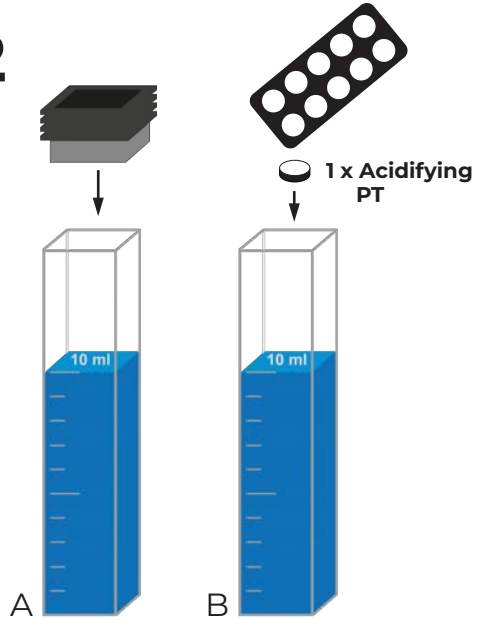
Waterstofperoxide HR

1

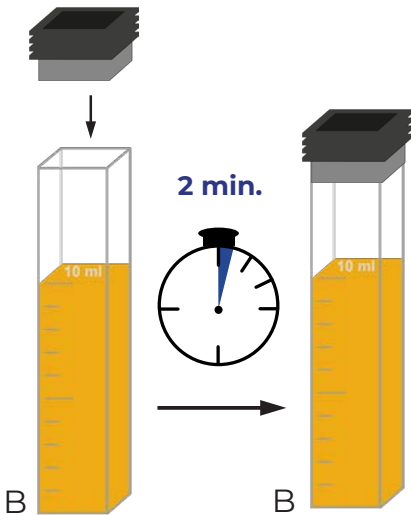
10 ml sample water each



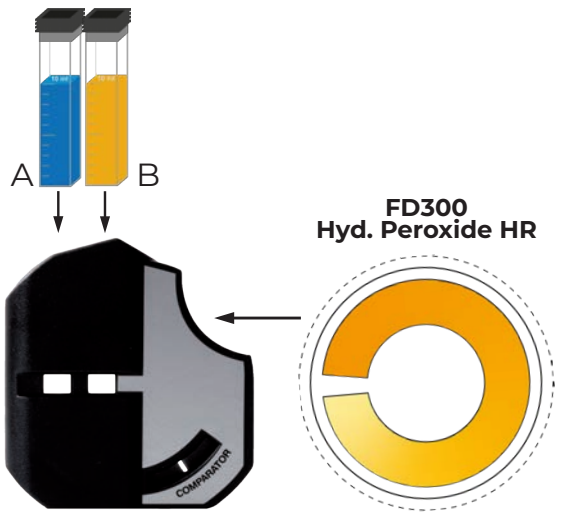
2



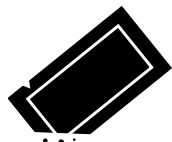
5



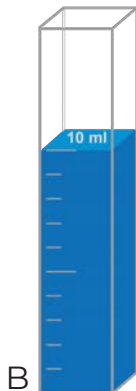
6



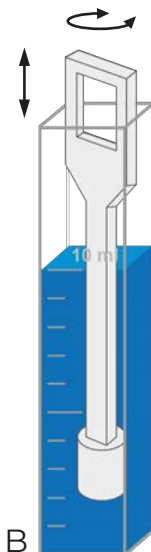
3



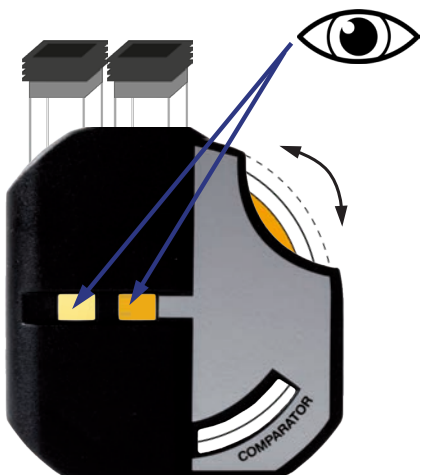
1 x Hyd. Peroxide  
HR Photometer



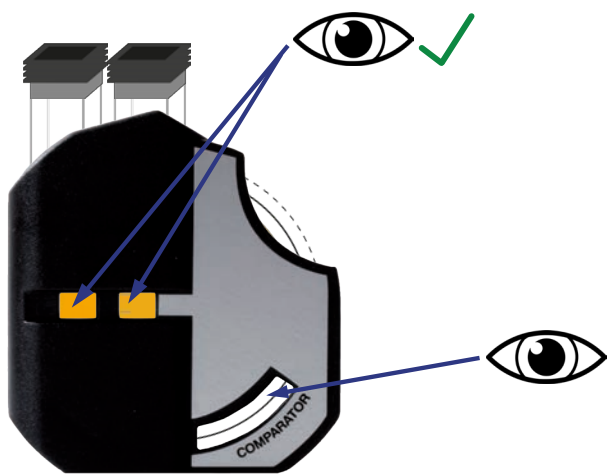
4



8



9



## Iron LR Photometer:

UFI: H1JS-UEHJ-2G1U-5GAU



### **WARNING**

**H319** - Causes serious eye irritation

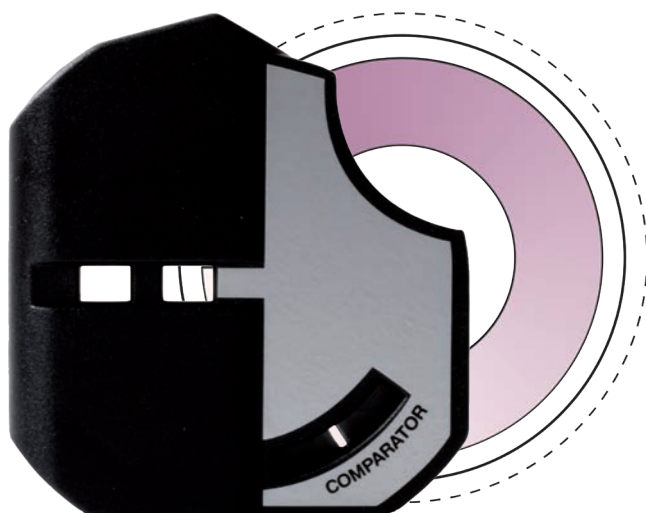
**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear protective gloves and eye/face protection

**P337 + P313** - If eye irritation persists: Get medical advice/attention

# Iron LR

(0.05 - 1.00 mg/l Fe<sup>2+/3+</sup>)



## Iron LR Photometer



Iron LR



Eisen LR



Fer LR



Ferro LR



Hierro LR



Ferro LR



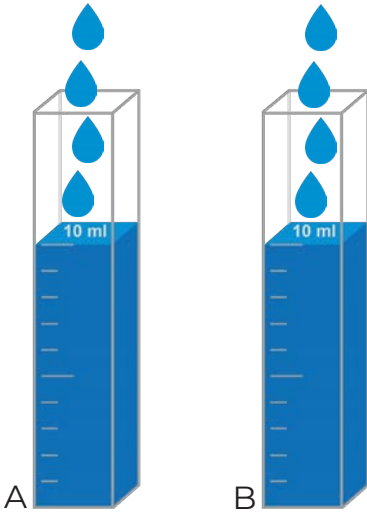
Jern LR



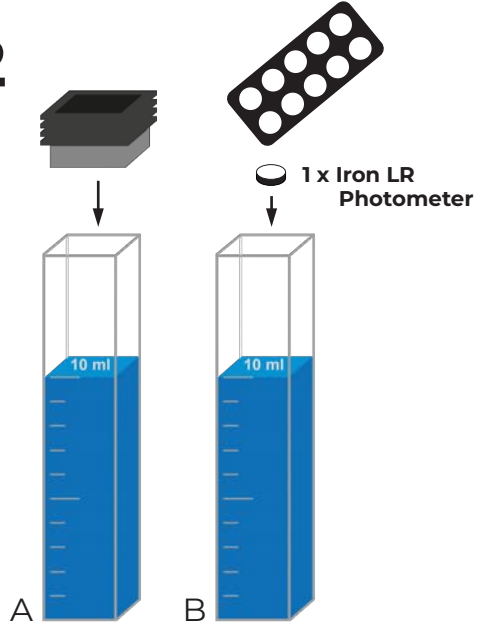
IJzer LR

1

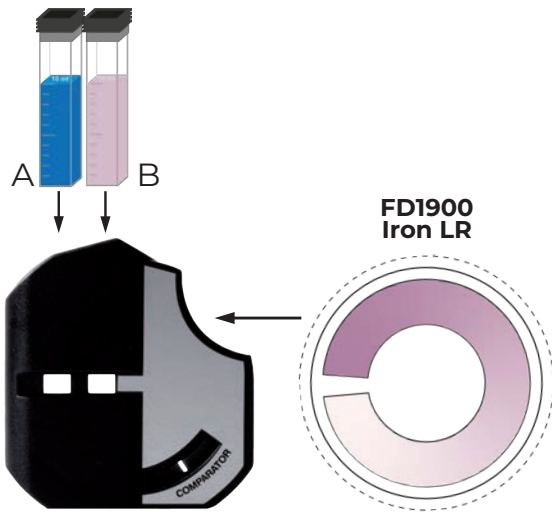
10 ml sample water each



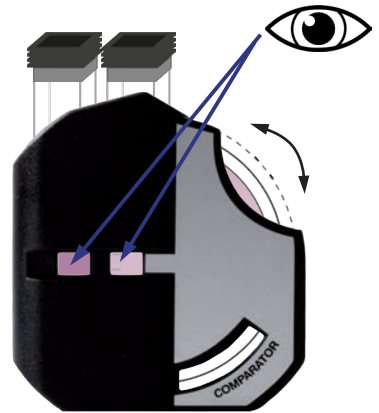
2



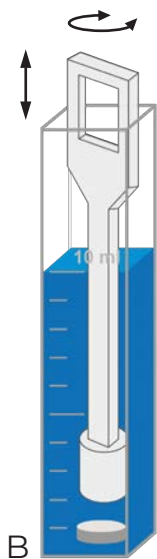
5



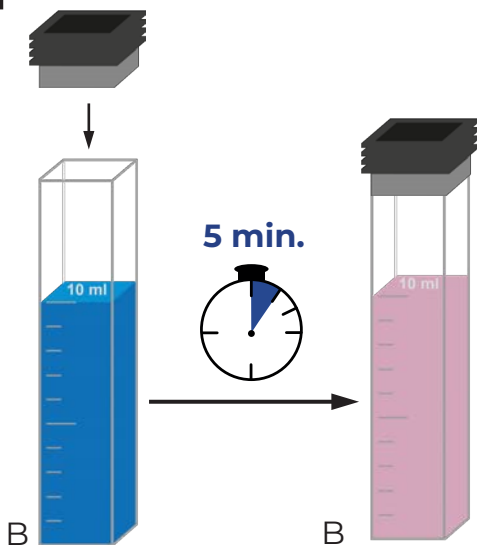
6



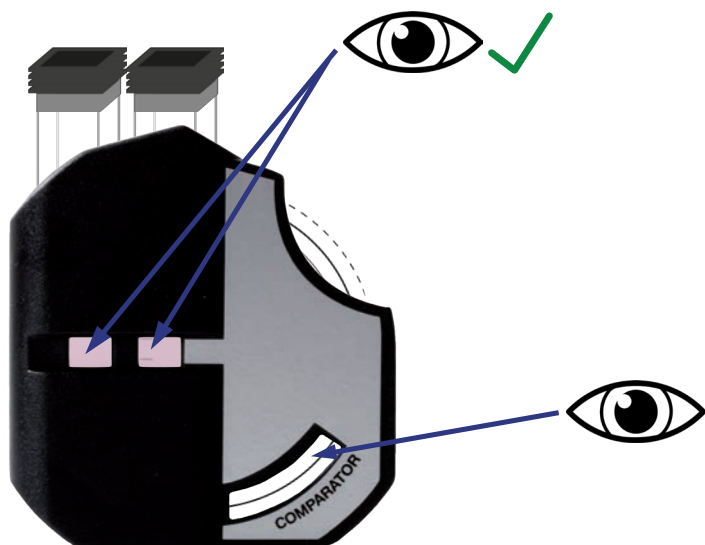
3



4



7



## Iron HR Comparator:

UFI: JQ00-709J-E00Q-44U8



### WARNING

**H302** - Harmful if swallowed

**H315** - Causes skin irritation

**H319** - Causes serious eye irritation

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P270** - Do not eat, drink or smoke when using this product

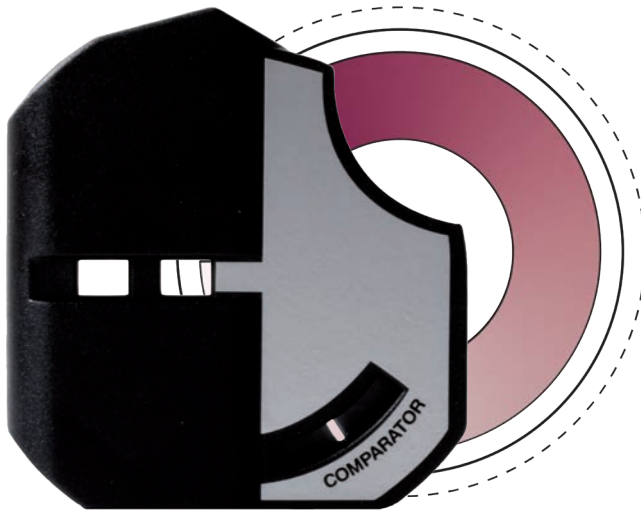
**P280** - Wear protective gloves, eye protection and face protection

**P337 + P313** - If eye irritation persists: Get medical advice/attention

**P501** - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

# Iron HR

(1.0 - 10.0 mg/l Fe<sup>2+/3+</sup>)



## Iron HR Comparator



Iron HR



Eisen HR



Fer HR



Ferro HR



Hierro HR



Ferro HR



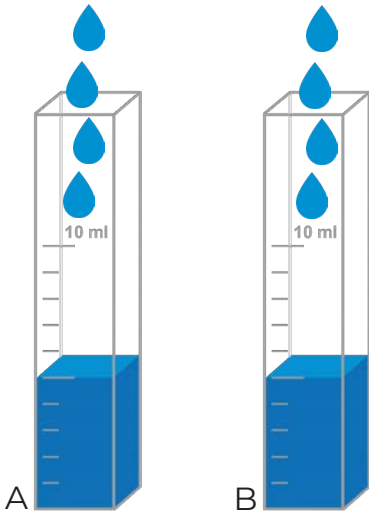
Jern HR



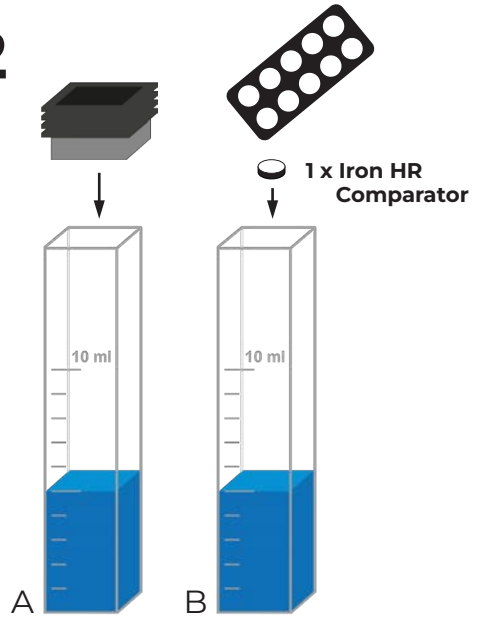
IJzer HR

1

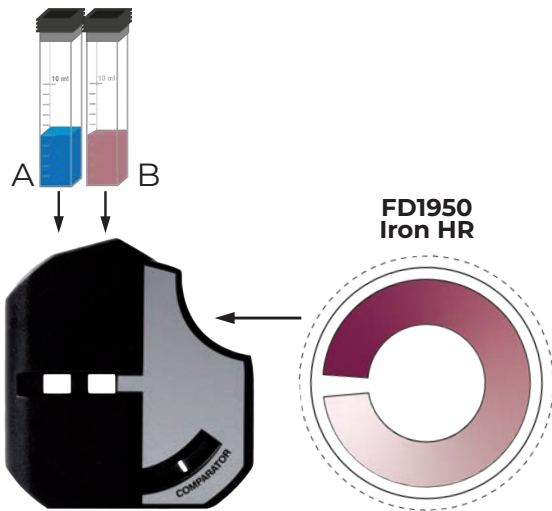
5 ml sample water each



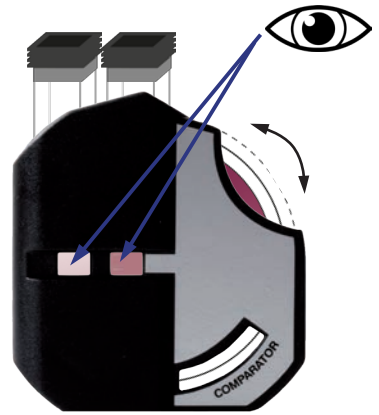
2



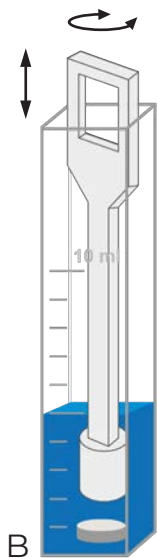
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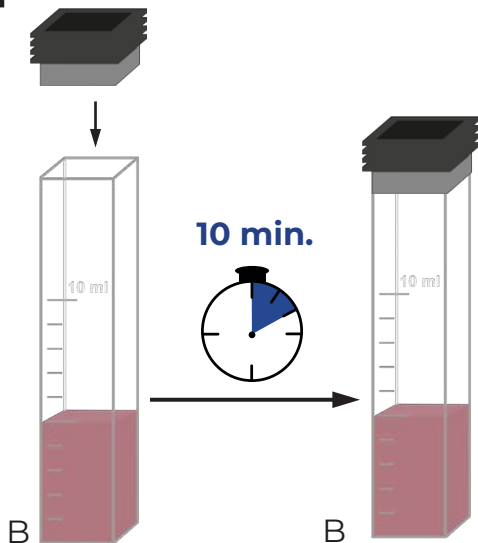
6



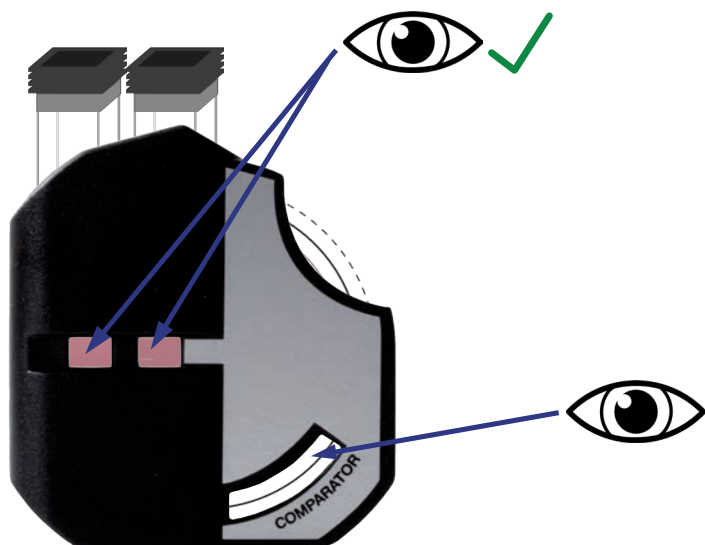
3



4



7



# Magnesium Photometer:

UFI: SA2T-5QXE-KG1D-6SWF



## WARNING

**H302** - Harmful if swallowed

**H332** - Harmful if inhaled

**P261** - Avoid breathing dust/fume/gas/mist/vapours/spray

**P264** - Wash face, hands and any exposed skin thoroughly after handling

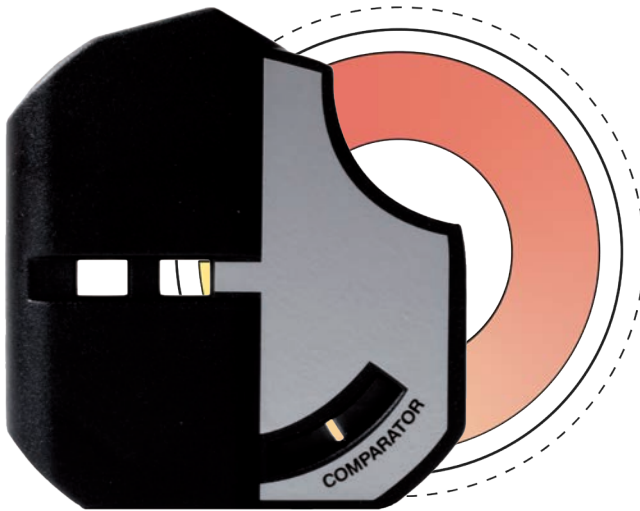
**P304 + P340** - IF INHALED: Remove person to fresh air and keep comfortable for breathing

**P403 + P233** - Store in a well-ventilated place. Keep container tightly closed

**P501** - Dispose of contents/ container to an approved waste disposal plant

# Magnesium

(0 - 100 mg/l Mg<sup>2+</sup>)



## Magnesium Photometer



Magnesium



Magnesium



Magnésium



Magnesio



Magnesio



Magnésio



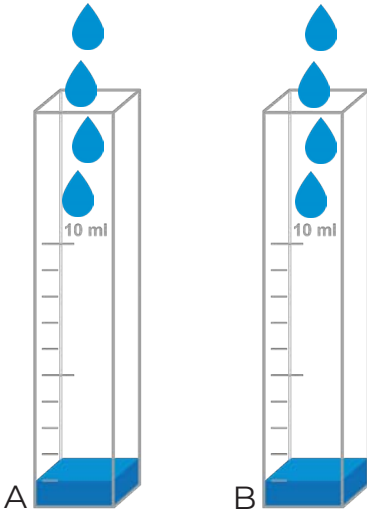
Magnesium



Magnesium

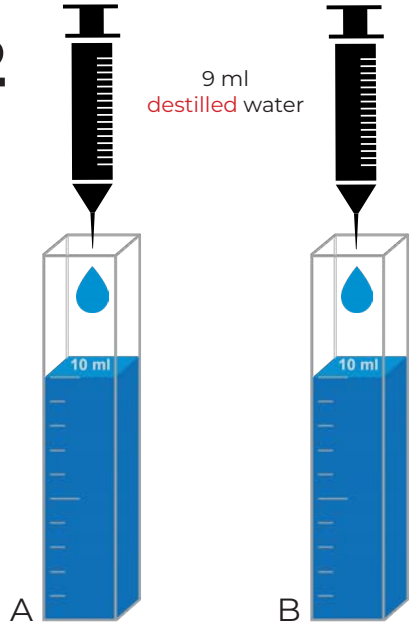
1

1 ml sample water each

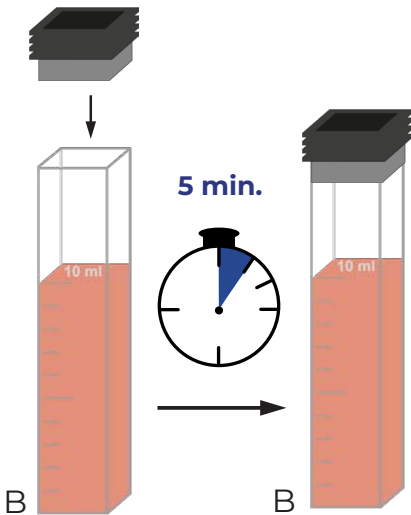


2

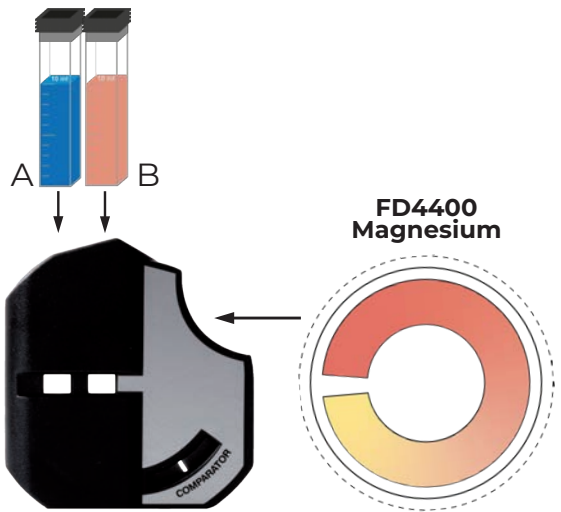
9 ml  
distilled water



5



6



3



A

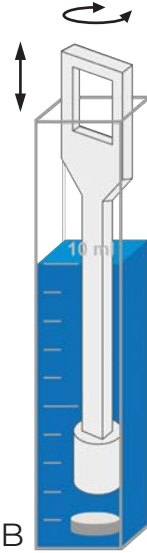


1 x Magnesium  
Photometer



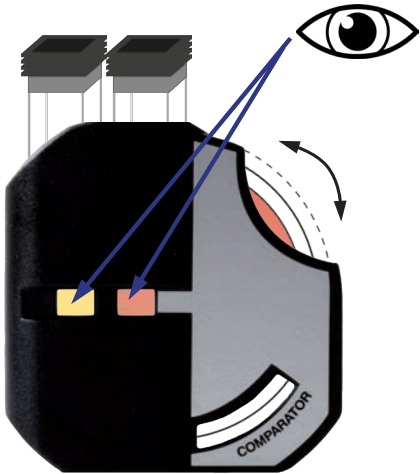
B

4

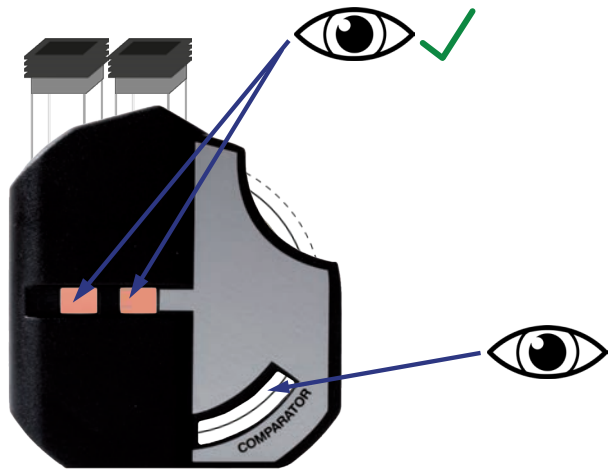


B

8



9



## Manganese LR No.1 Photometer:

UFI: WW0D-F084-9HT1-WC3X



### WARNING

**H319** - Causes serious eye irritation

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear eye protection/ face protection

**P337 + P313** - If eye irritation persists: Get medical advice/attention

## Manganese LR No.2 Photometer:

UFI: HCY9-29RT-XHIC-R5RJ



### DANGER

**H302** - Harmful if swallowed

**H314** - Causes severe skin burns and eye damage

**H331** - Toxic if inhaled

**P260** - Do not breath dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

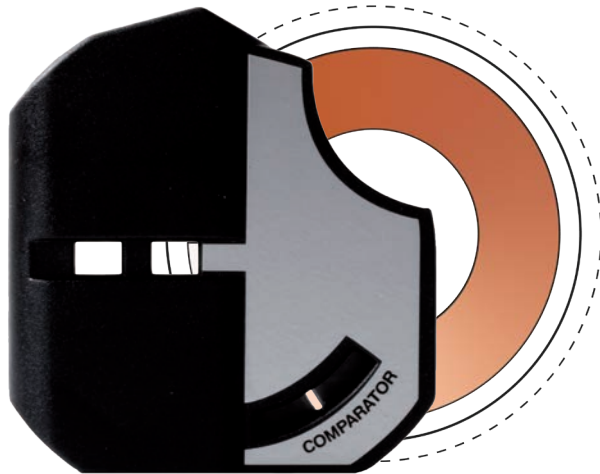
**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contactlenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

**P403 + P233** - Store in a well-ventilated place. Keep container tightly closed.

# Manganese

(0.00 - 5.00 mg/l Mn<sup>2+</sup>)



 Manganese LR No.1 Photometer

 Manganese LR No.2 Photometer

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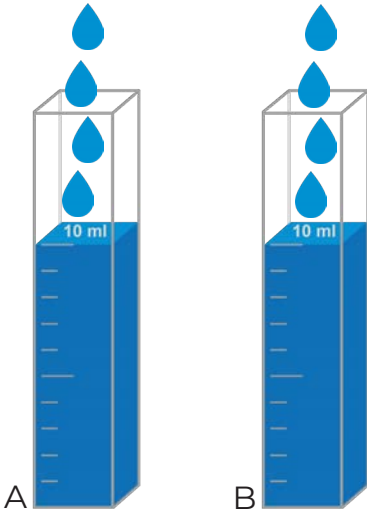
 Manganês

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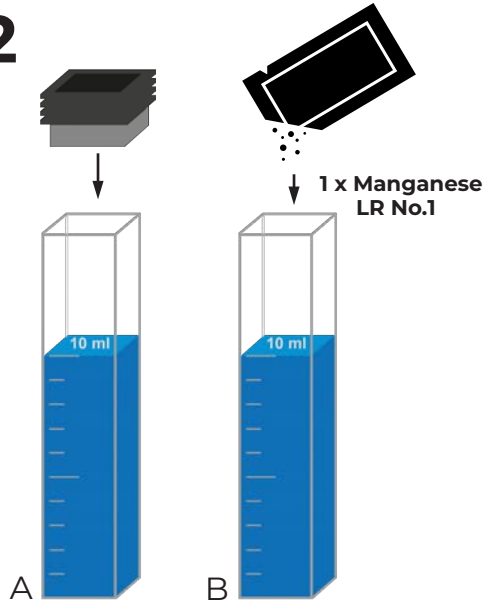
 Mangaan

1

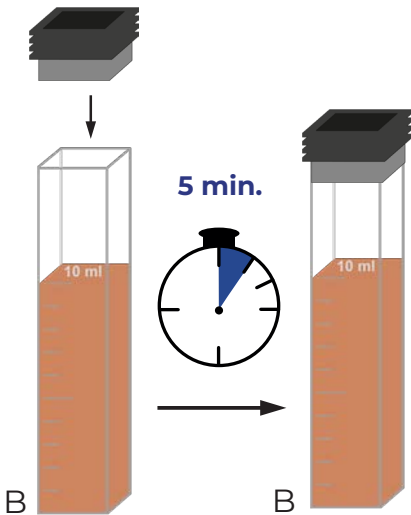
10 ml sample water each



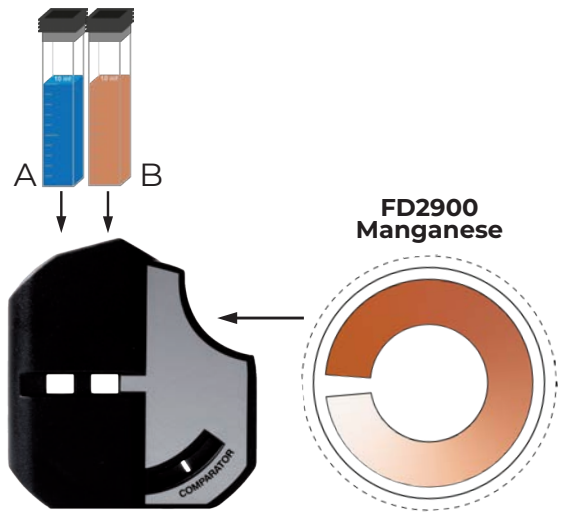
2



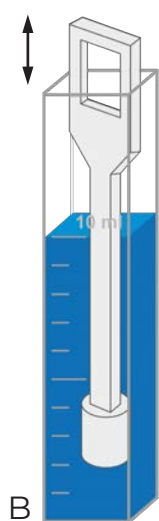
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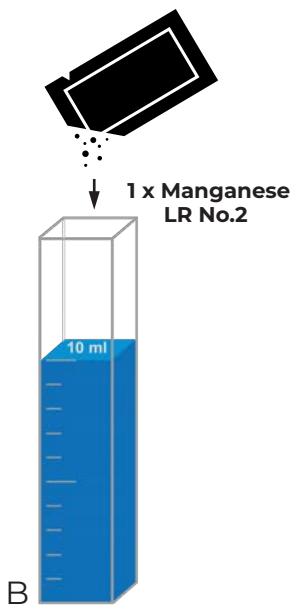
7



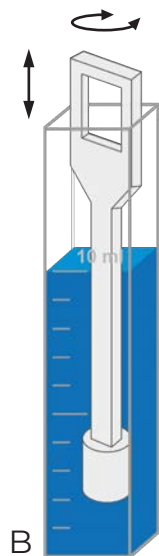
**3**



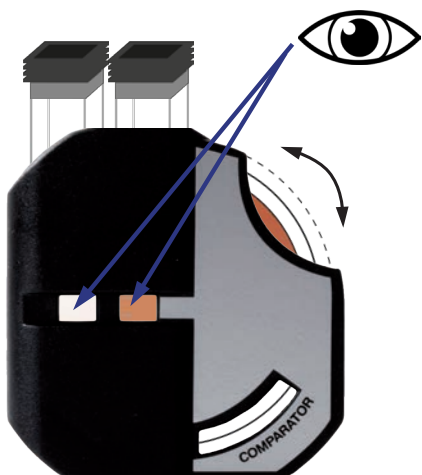
**4**



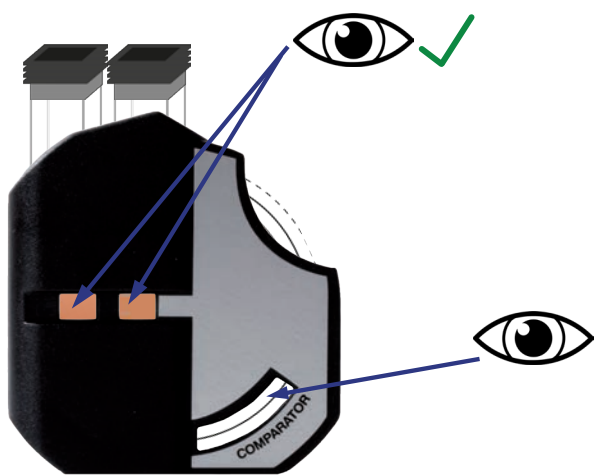
**5**



**8**



**9**



## Molybdate HR No.1 Photometer:

UFI: YP65-PKUG-EHIP-9F9X



### DANGER

**H318** - Causes serious eye damage

**P280** - Wear eye protection/ face protection

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

## Molybdate HR No.2 Photometer:

UFI: 1M00-Q0M5-4006-FT86



### WARNING

**H315** - Causes skin irritation

**H319** - Causes serious eye irritation

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear protective gloves, eye protection and face protection

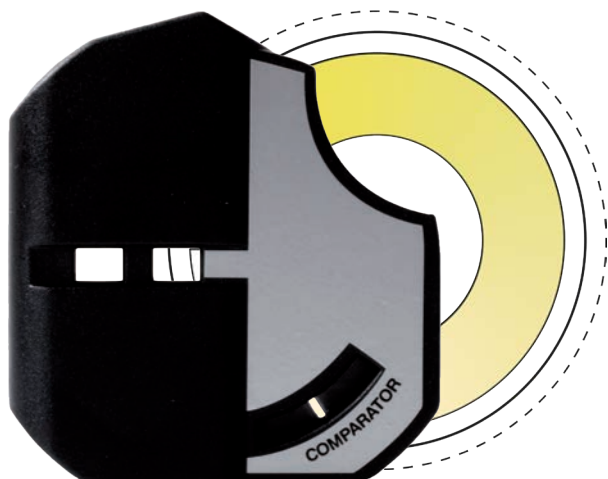
**P332 + P313** - If skin irritation occurs: Get medical advice/attention

**P337 + P313** - If eye irritation persists: Get medical advice/attention

**P362 + P364** - Take off contaminated clothing and wash it before reuse

# Molybdate HR

(0 - 100 mg/l MoO<sub>4</sub><sup>2-</sup>)



Molybdate HR No.1 Photometer



Molybdate HR No.2 Photometer



Molybdate HR



Molybdat HR



Molybdate HR



Molibdato HR



Molibdato HR



Molibdato HR



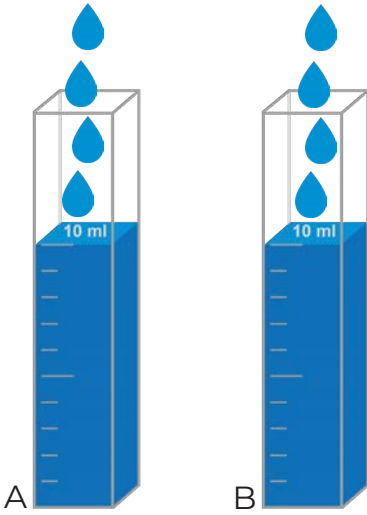
Molybdat HR



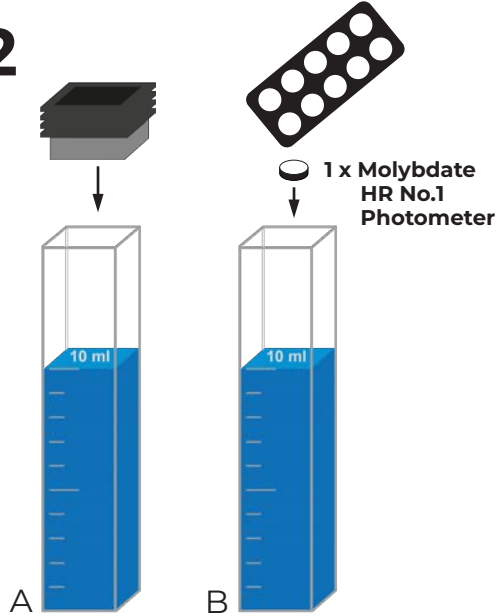
Molybdaat HR

1

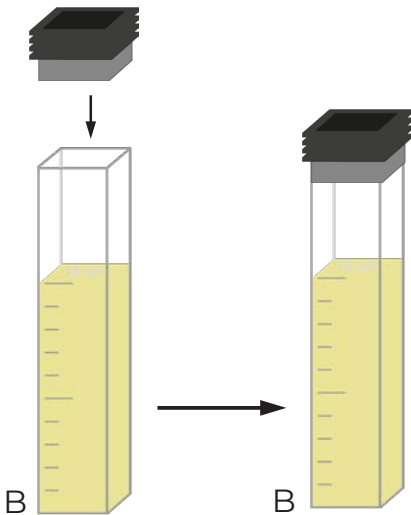
10 ml sample water each



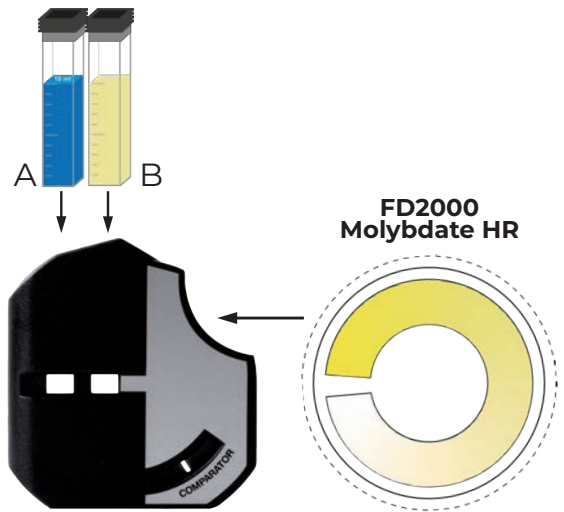
2

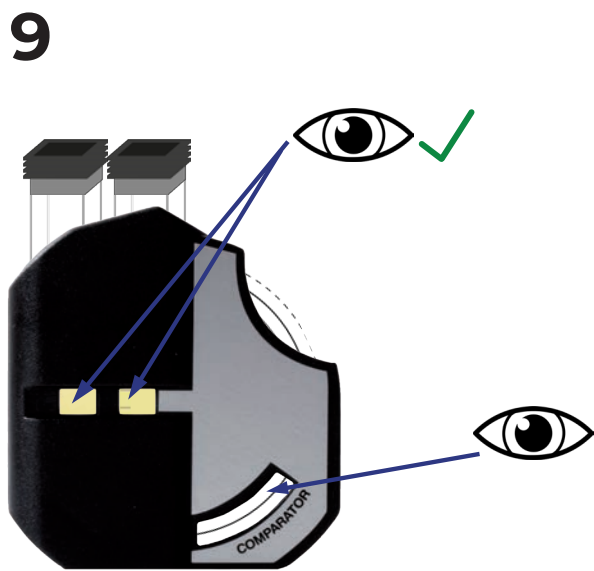
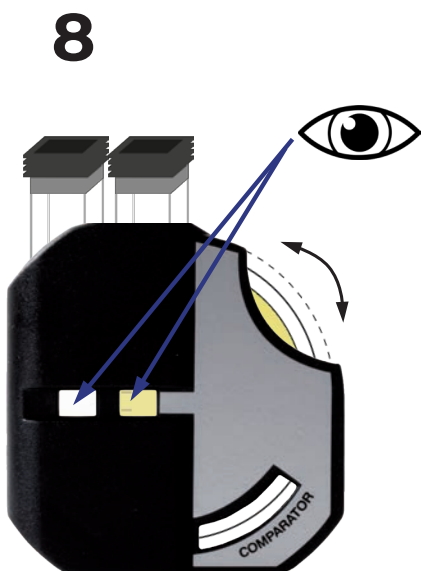
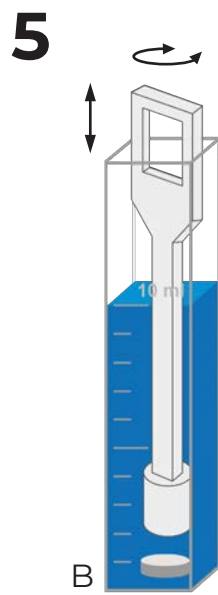
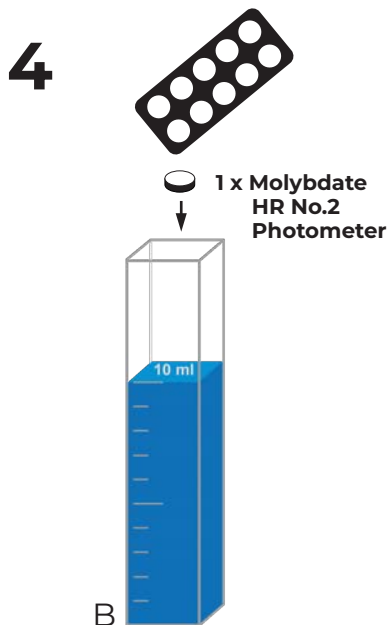
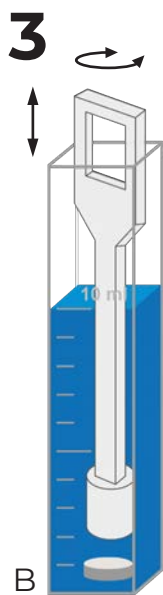


6



7





## PL Nitrate 1:



**H411** - Toxic to aquatic life with long lasting effects.

**P273** - Avoid release to the environment.

**P391** - Collect spillage.

**P501** - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**P280** - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

## PL Nitrate 2:

UFI: AJ10-906H-G00N-RJNW



### DANGER

**H290** - May be corrosive to metals

**H314** - Causes severe skin burns and eye damage

**H373** - May cause damage to organs through prolonged or repeated exposure

**P101** - If medical advice is needed, have product container or label at hand

**P102** - Keep out of reach of children

**P103** - Read carefully and follow all instructions

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection

**P301+P330+P331** - IF SWALLOWED: rinse mouth. Do NOT induce vomiting

**P303+P361+P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

**P305+P351+P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

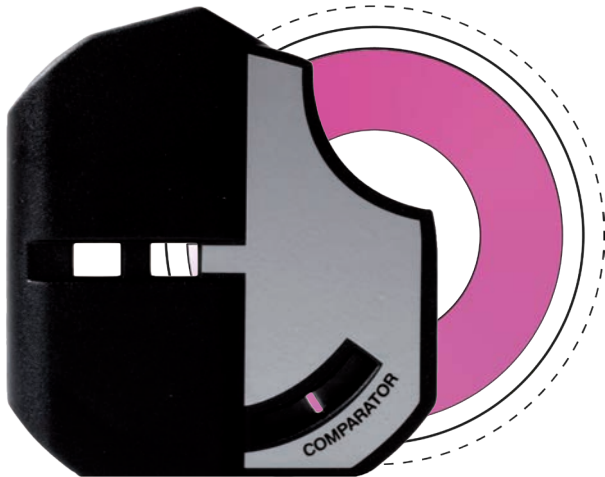
**P310** - Immediately call a POISON CENTER/doctor

**P405** - Store locked up

**P501** - Dispose of contents/container to industrial combustion plant

# Nitrate MR

(0 - 10 mg/l N)



PL Nitrate 1



PL Nitrate 2



Nitrate MR



Nitrat MR



Nitrate MR



Nitrato MR



Nitrato MR



Nitrato MR



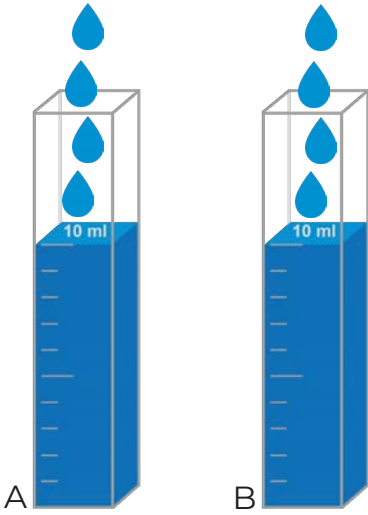
Nitrat MR



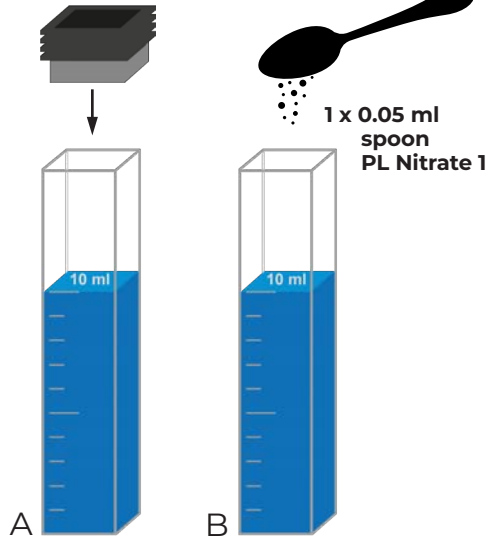
Nitraat MR

1

10 ml sample water each



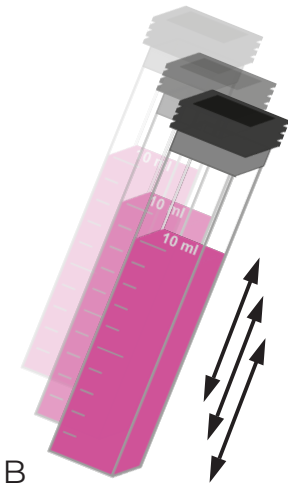
2



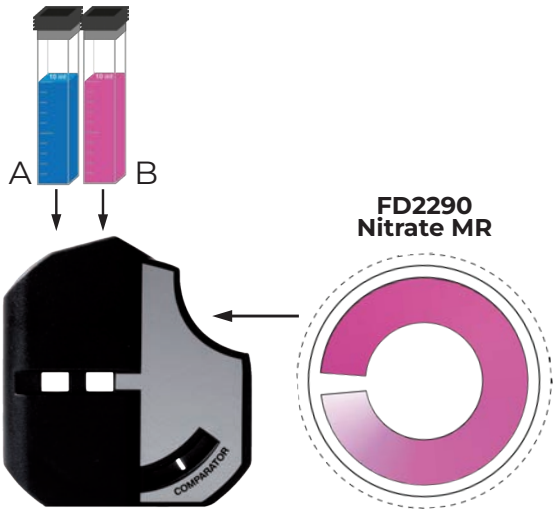
6



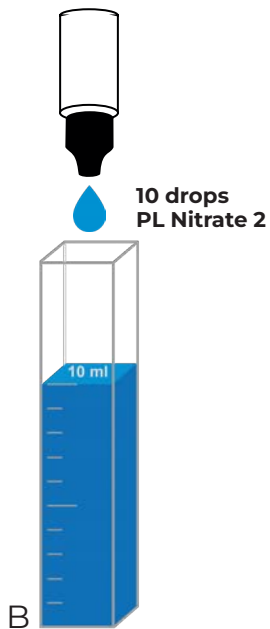
Shake then wait for 15 min.



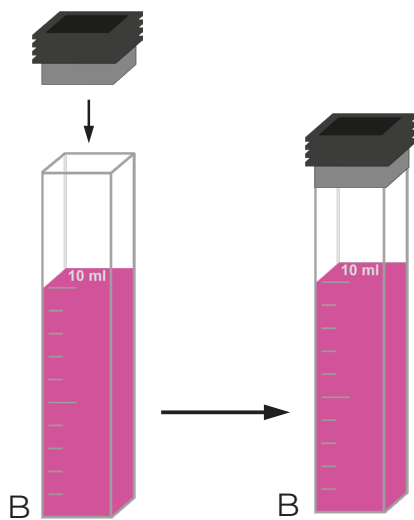
7



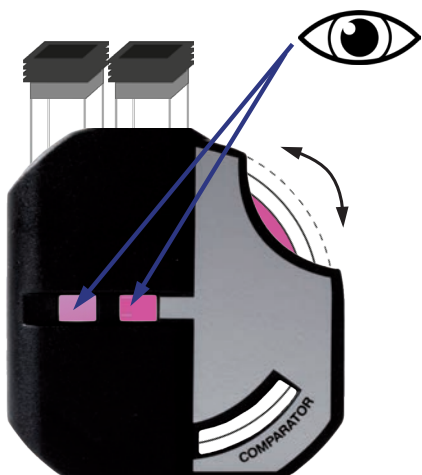
3



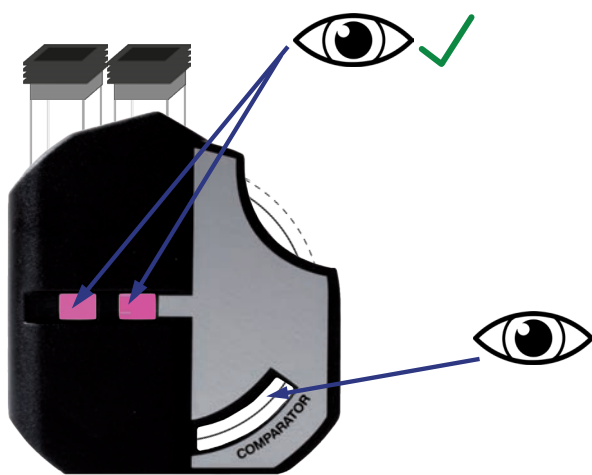
5



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## Nitrate No.1 Photometer:

UFI: NGH9-9A7J-2K1V-6PFQ



### DANGER

**H302** - Harmful if swallowed

**H311** - Toxic in contact with skin

**H314** - Causes severe skin burns and eye damage

**H331** - Toxic if inhaled

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

**P403 + P233** - Store in a well-ventilated place. Keep container tightly closed

## Nitrate No.2 Photometer:

UFI: CW6A-0M27-YK14-WG06



### WARNING

**H319** - Causes serious eye irritation

**H412** - Harmful to aquatic life with long lasting effects

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P273** - Avoid release to the environment

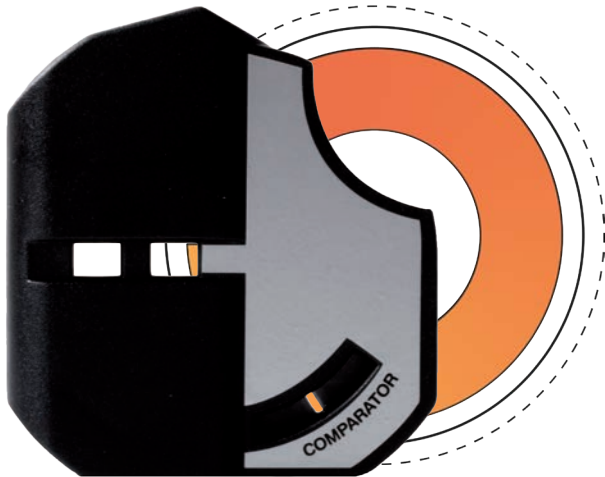
**P280** - Wear eye and face protection

**P337 + P313** - If eye irritation persists: Get medical advice/attention

**P501** - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

# Nitrate HR

(1 - 100 mg/l NO<sub>3</sub><sup>-</sup>)



Nitrate No.1 Photometer



Nitrate No.2 Photometer



Nitrate HR



Nitrat HR



Nitrate HR



Nitrato HR



Nitrato HR



Nitrato HR



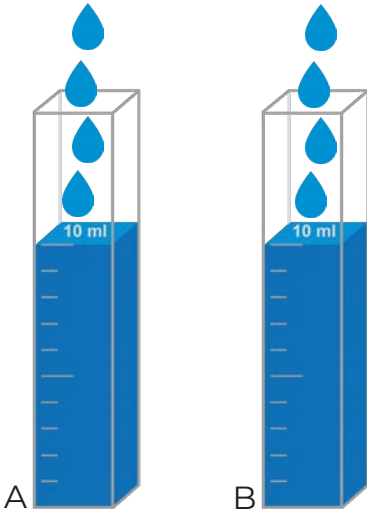
Nitrat HR



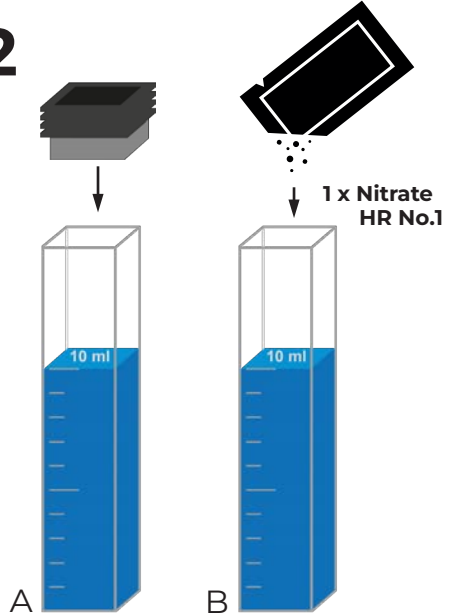
Nitraat HR

1

10 ml sample water each



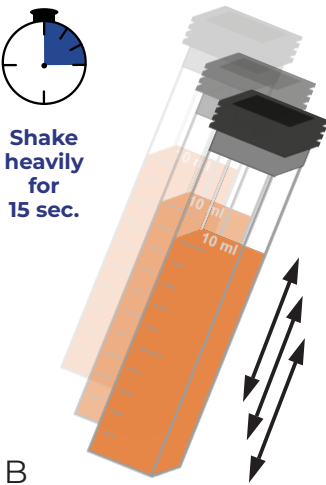
2



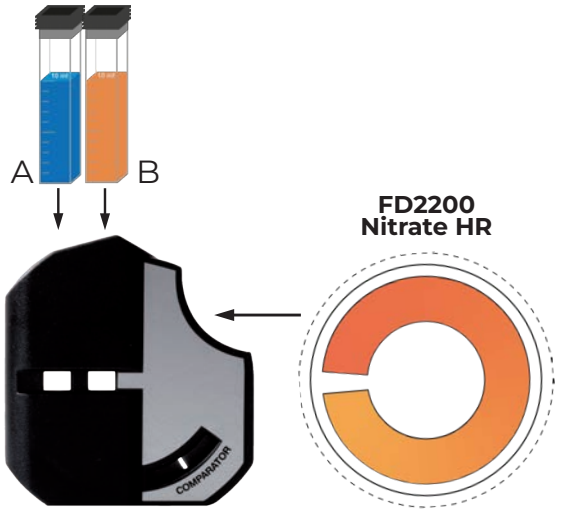
6



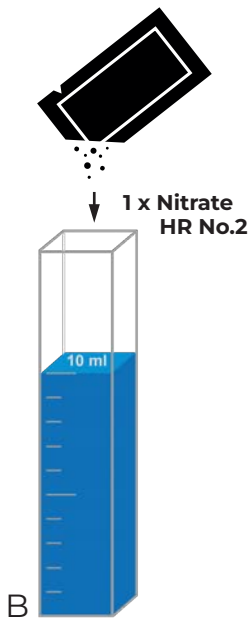
Shake heavily for 15 sec.



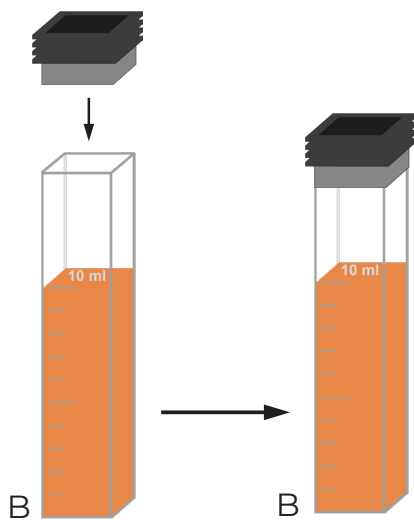
7



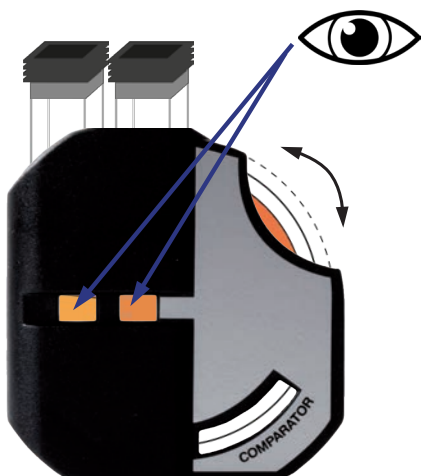
3



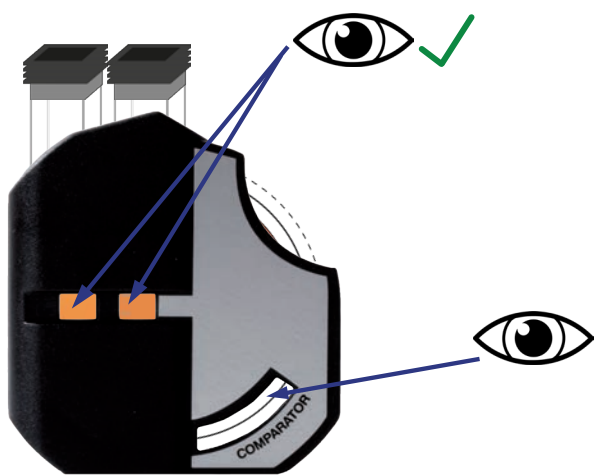
5



8



9



## Nitrite LR Photometer:

UFI: TOAT-M1HW-EN15-K6DN



### **DANGER**

**H315** - Causes skin irritation

**H317** - May cause an allergic skin reaction

**H318** - Causes serious eye damage

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear protective gloves and eye/face protection

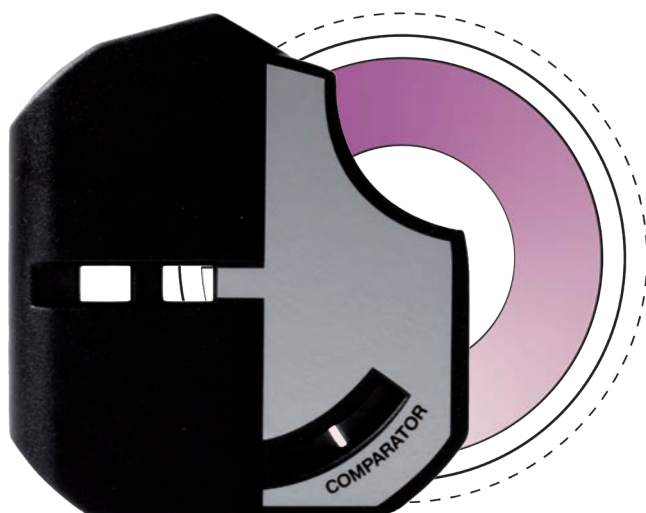
**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

# Nitrite LR

(0.0 - 0.5 mg/l N)



Nitrite LR Photometer



Nitrite LR



Nitrit LR



Nitrite LR



Nitrito LR



Nitrito LR



Nitrito LR



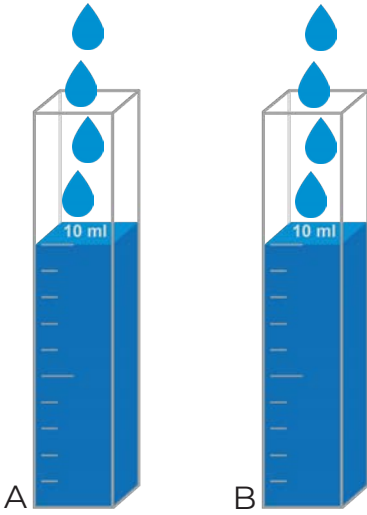
Nitrit LR



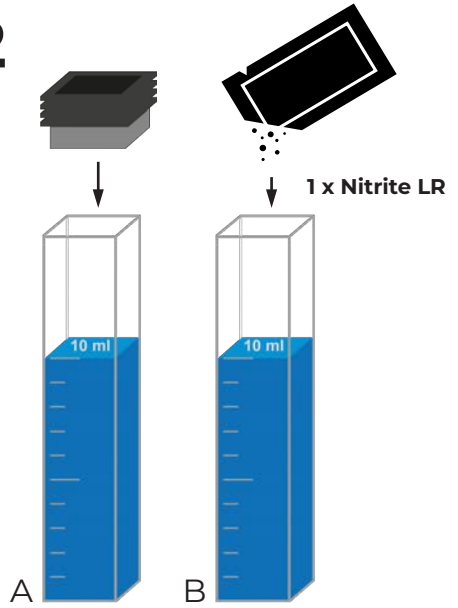
Nitriet LR

1

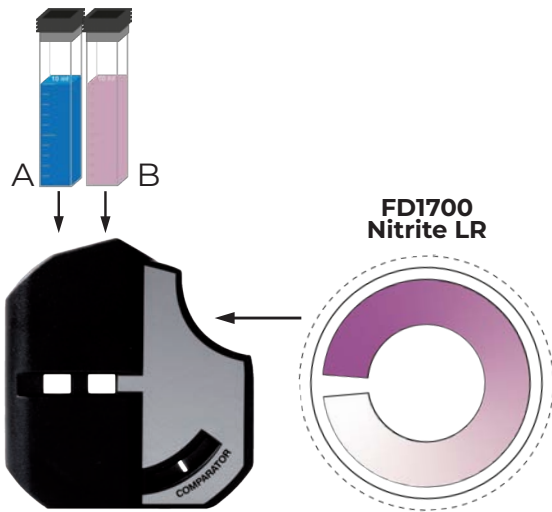
10 ml sample water each



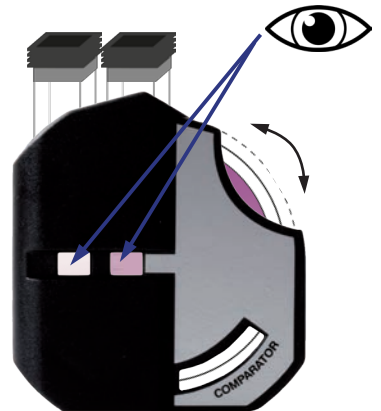
2



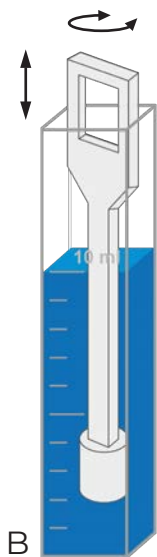
5



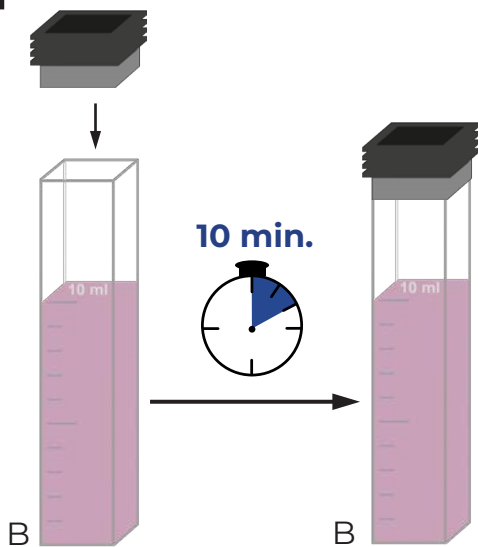
6



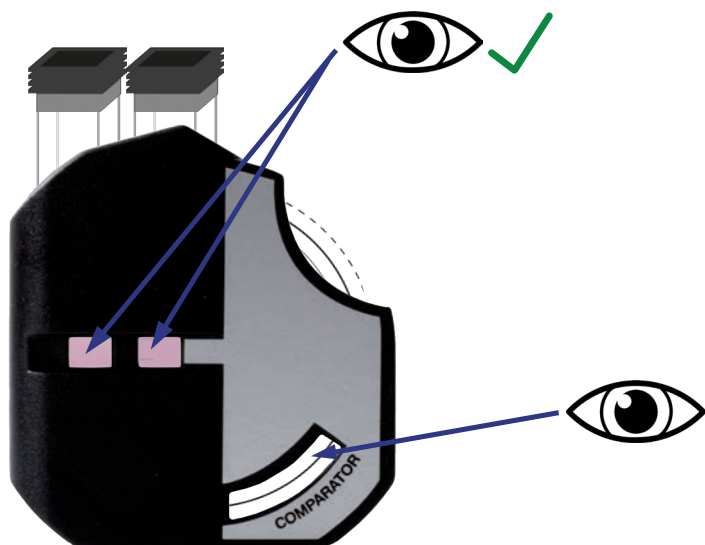
3



4



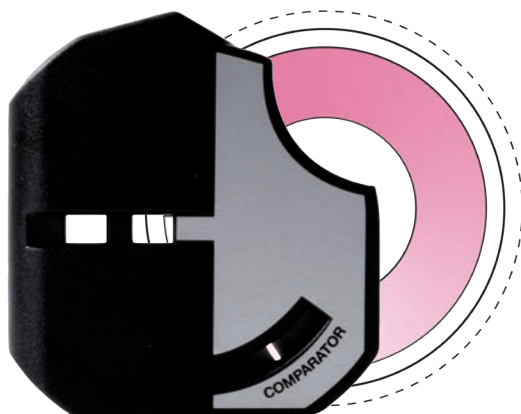
7





# Ozone

(0.0 - 3.4 mg/l O<sub>3</sub>)



DPD No.1 Photometer



DPD No.3 Photometer



Glycine



Ozone



Ozon



Ozone



Ozono



Ozono



Ozono

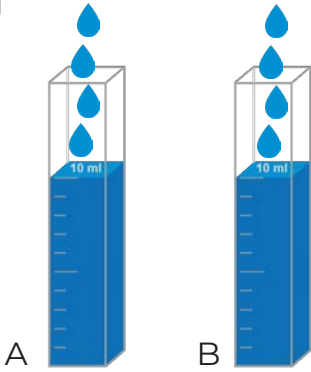


Ozon

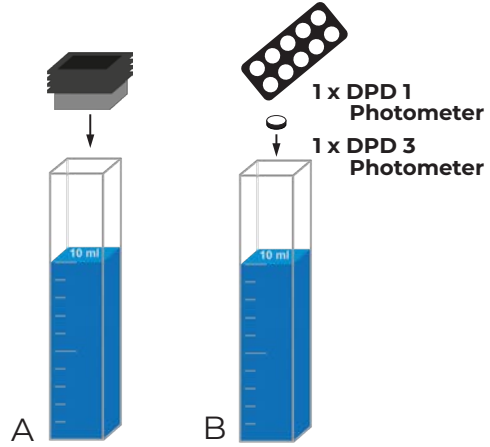


Ozon

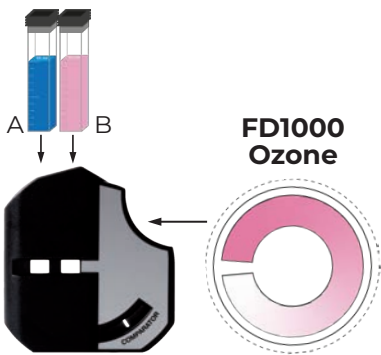
**1** 10 ml sample water each



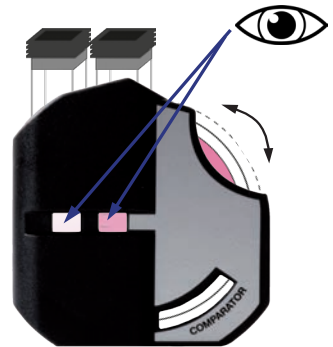
**2**



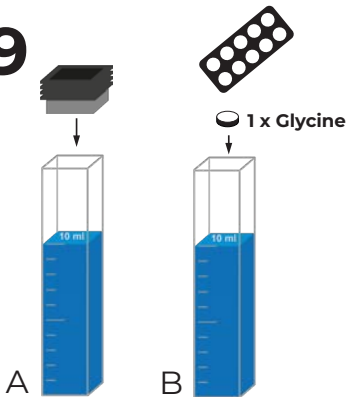
**5**



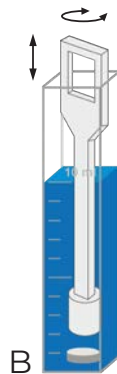
**6**



**9**



**10**

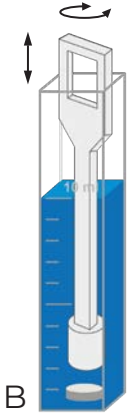


**11**

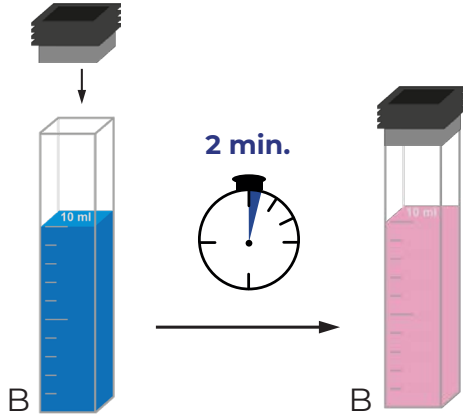
**Perform  
step  
2 - 6**



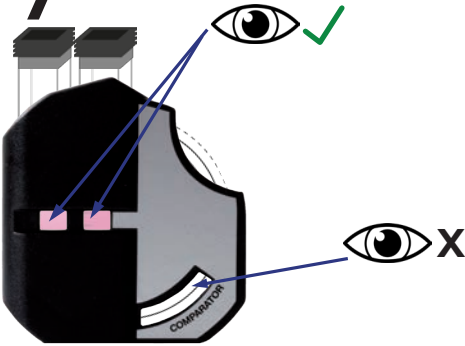
3



4

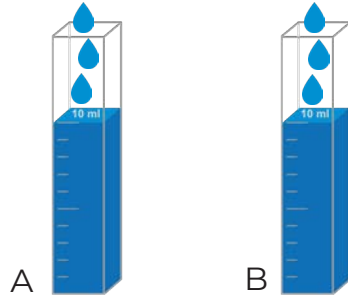


7

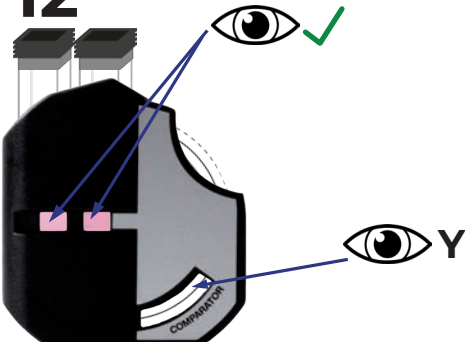


8

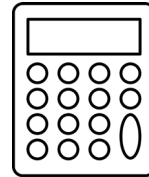
Continue if the sample contains Chlorine. Note the previous result.  
New 10 ml sample water each



12



13

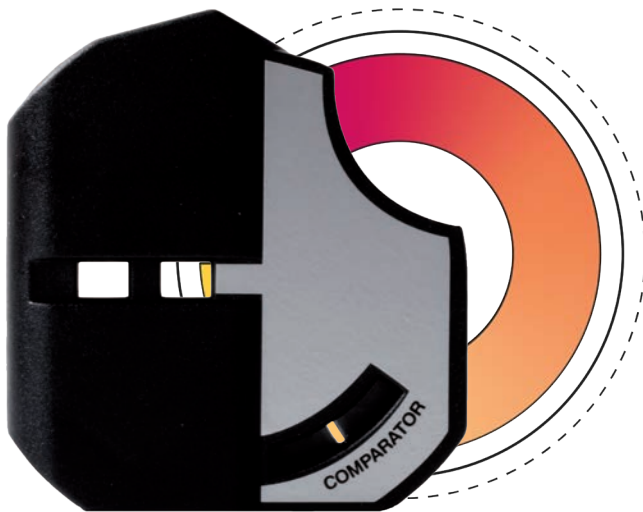


$X - Y$   
=  
Ozone



# pH

(pH 6.5 - 8.4)



## Phenol Red Photometer



pH



pH



pH



pH



pH



pH



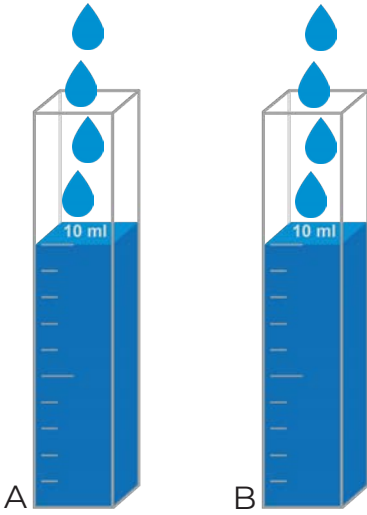
pH



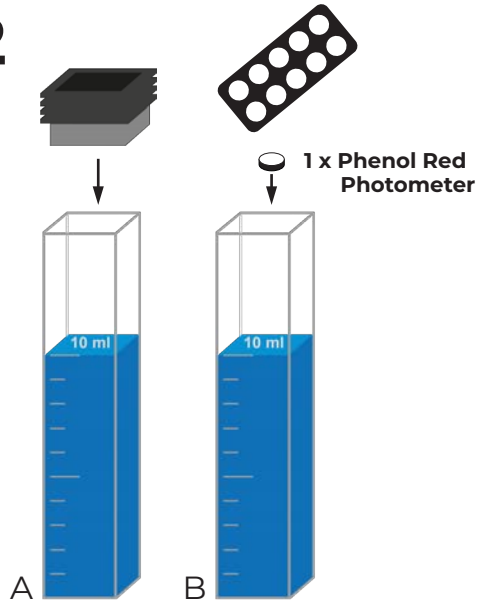
pH

1

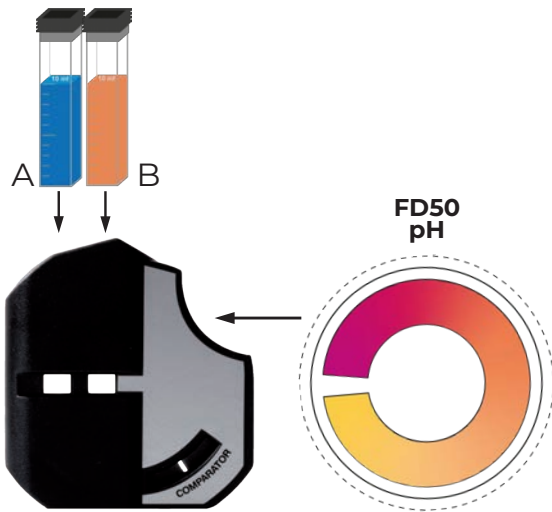
10 ml sample water each



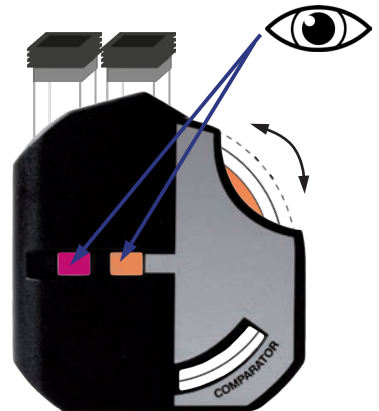
2



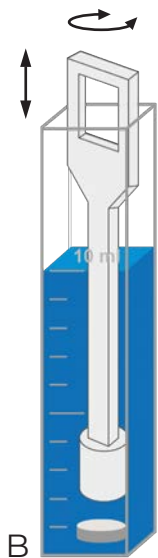
5



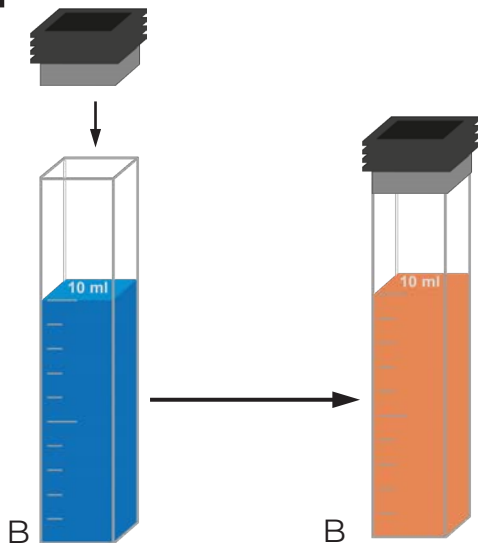
6



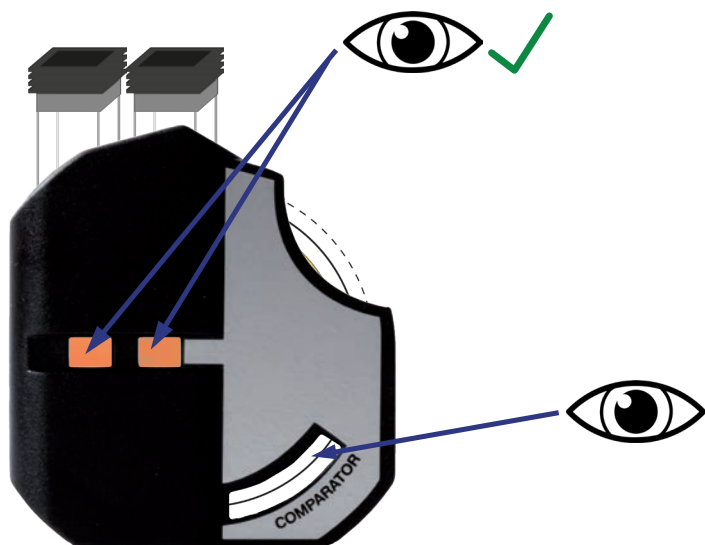
3



4



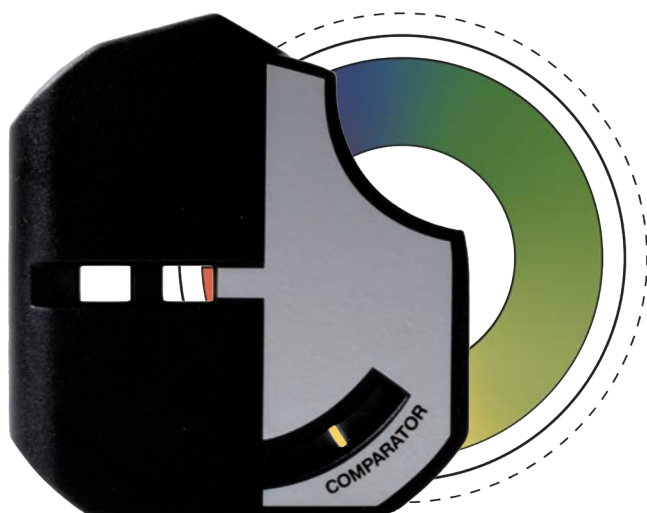
7





# pH Universal

(pH 4.0 - 10.0)



## Universal pH



pH Universal



pH Universal



pH Universel



pH Universale



pH Universal



pH Universal



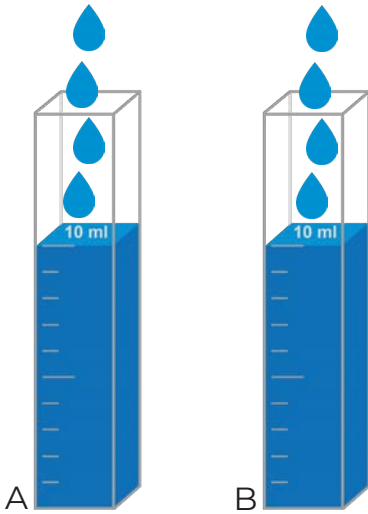
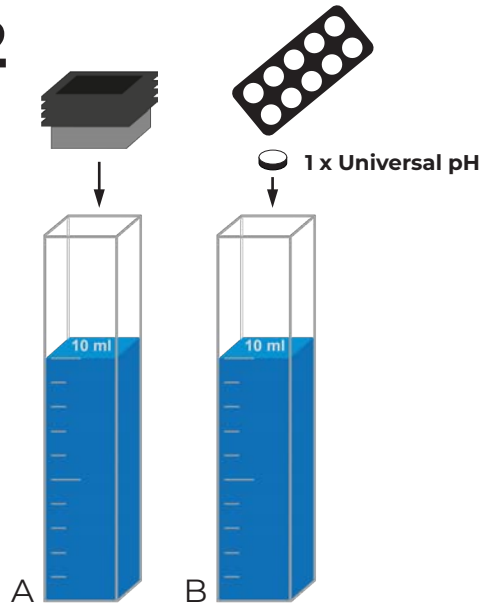
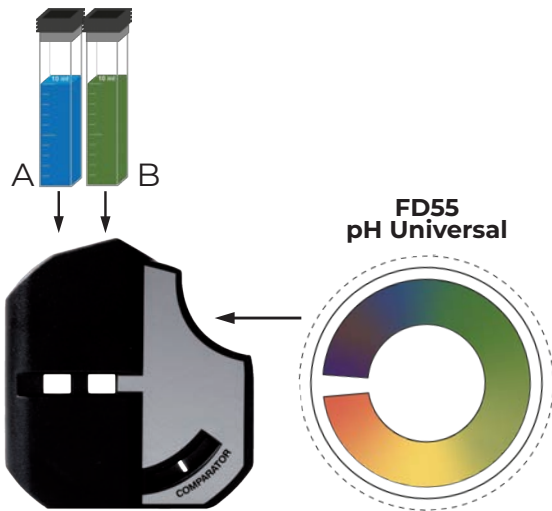
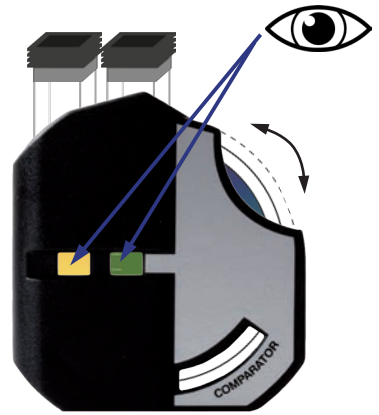
pH Universal



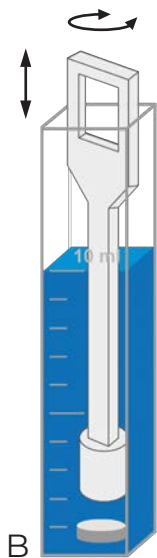
pH Universeeel

**1**

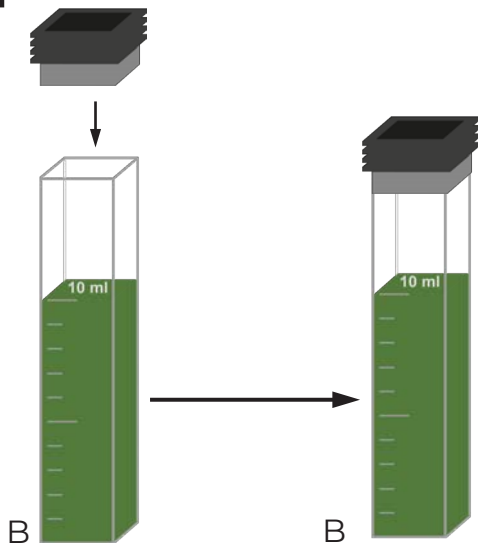
10 ml sample water each

**2****5****6**

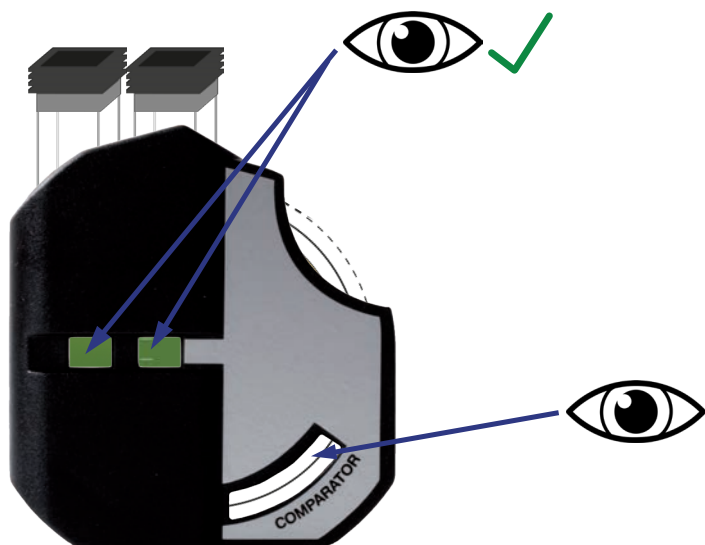
3



4



7



## PHMB Rapid:

UFI: 91T0-VH0K-SR19-OQ20



### WARNING

**H319** - Causes serious eye irritation

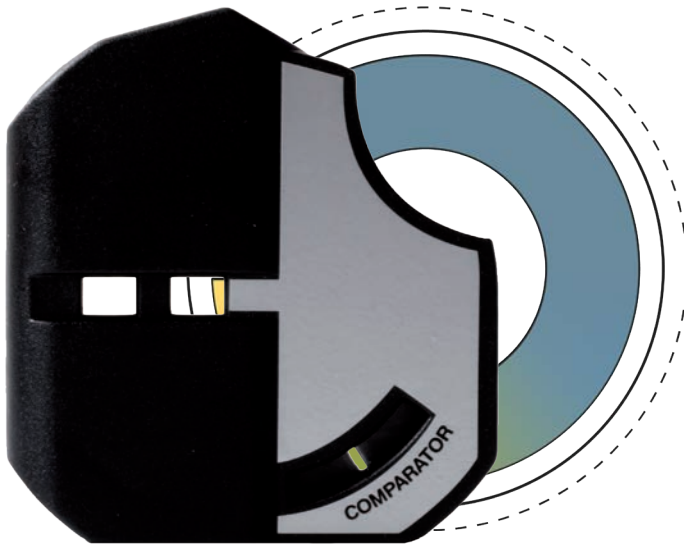
**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear eye protection/ face protection

**P337 + P313** - If eye irritation persists: Get medical advice/attention

# PHMB

(10 - 100 mg/l PHMB)



PHMB Rapid



PHMB



PHMB



PHMB



PHMB



PHMB



PHMB



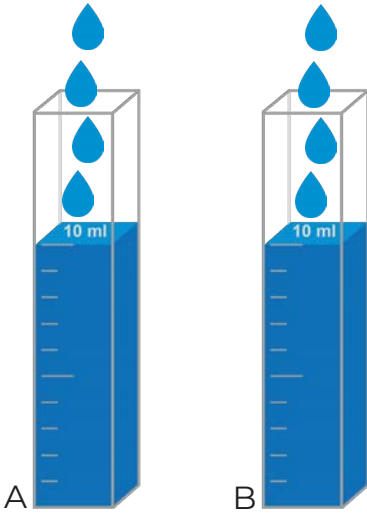
PHMB



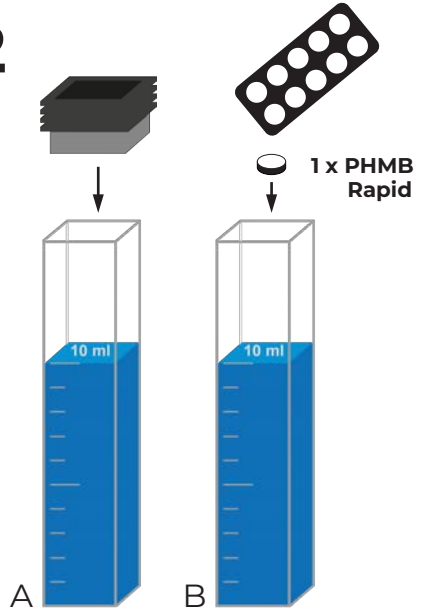
PHMB

1

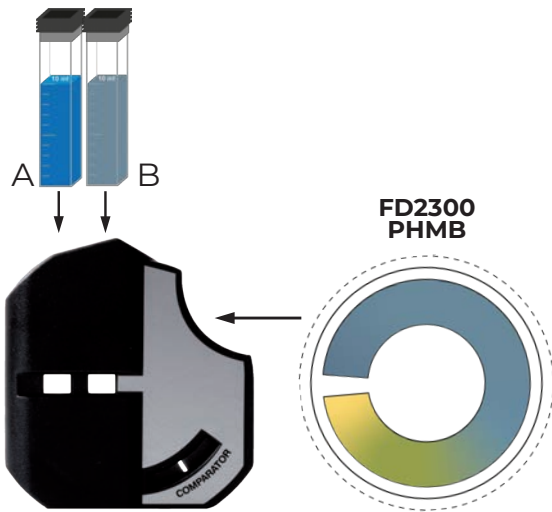
10 ml sample water each



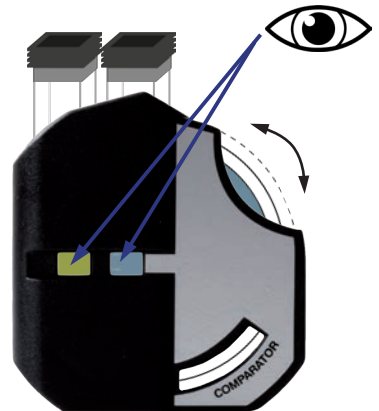
2



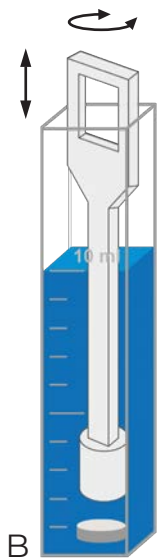
5



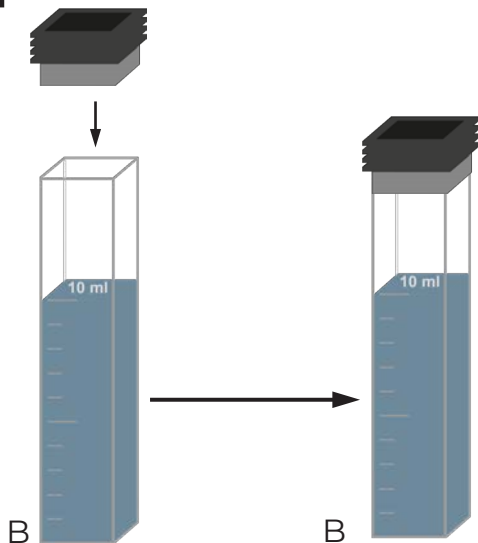
6



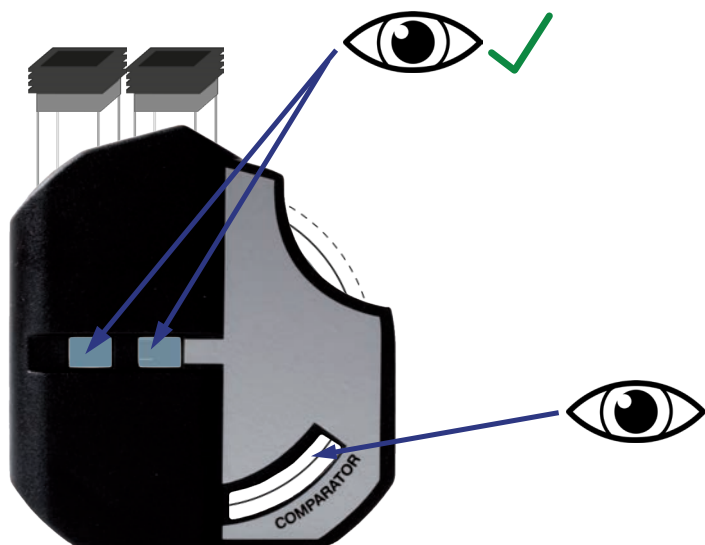
3



4



7



## Phosphate LR No.1 Photometer:

UFI: HENR-ON4X-6SIY-WGNP



### DANGER

**H314** - Causes severe skin burns and eye damage

**P260** - Do not breathe dust, fume, gas, mist, vapors and spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

## Phosphate LR No.2 Photometer:

UFI: JVKP-MXNM-VS19-QA99



### DANGER

**H318** - Causes serious eye damage

**EUH031** - Contact with acids liberates toxic gas

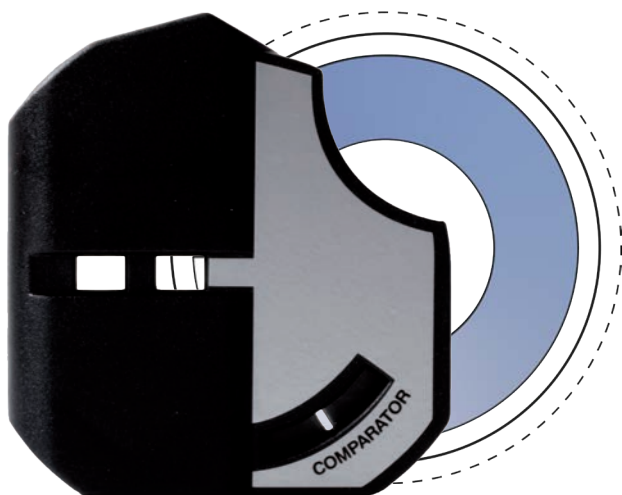
**P280** - Wear eye protection/ face protection

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

# Phosphate LR

(0.00 - 4.00 mg/l PO<sub>4</sub><sup>3-</sup>)



Phosphate LR N°1 Powder Pillow



Phosphate LR N°2



Phosphate LR



Phosphat LR



Phosphate LR



Fosfato LR



Fosfato LR



Fosfato LR



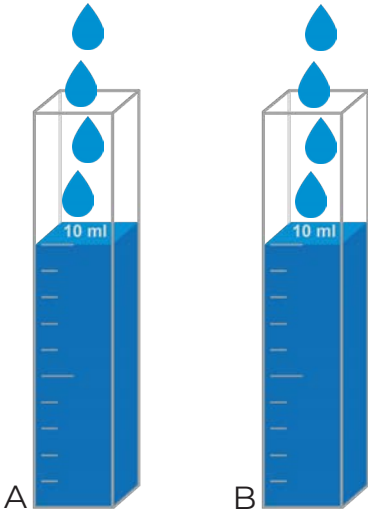
Fosfat LR



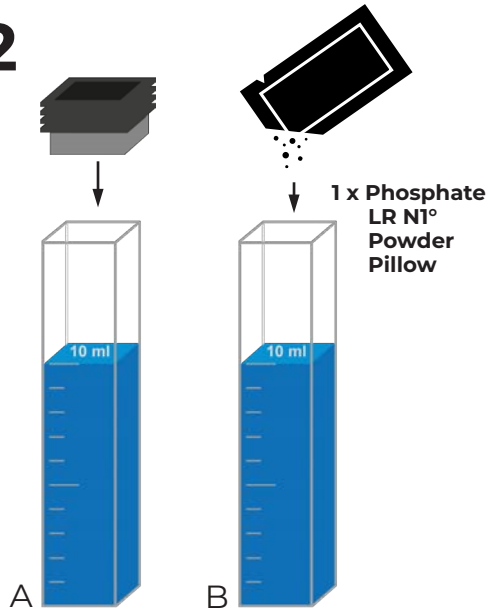
Fosfaat LR

1

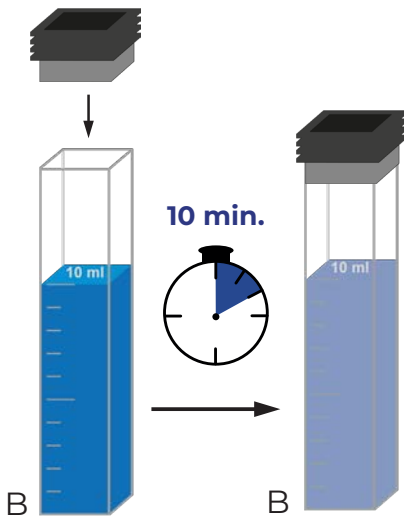
10 ml sample water each



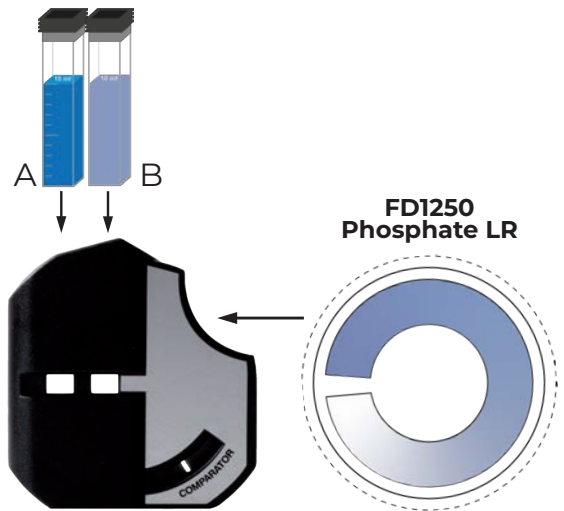
2

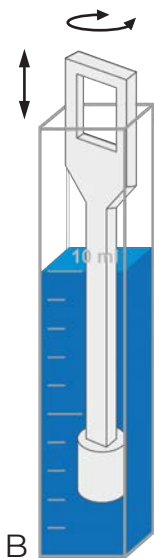
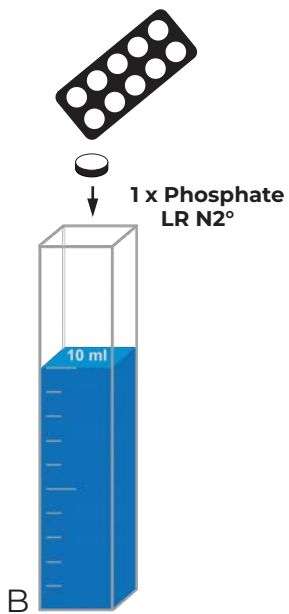
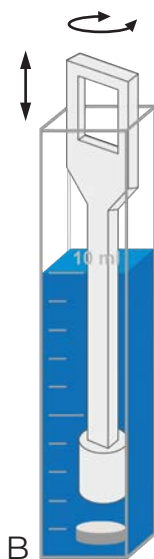
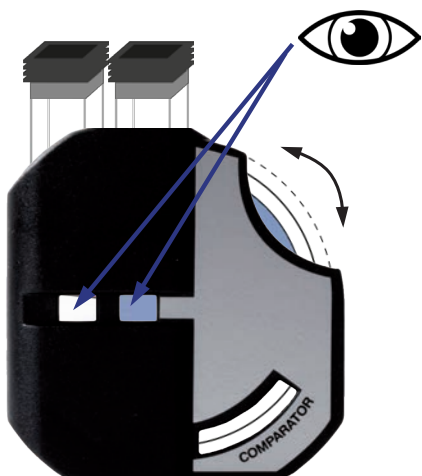
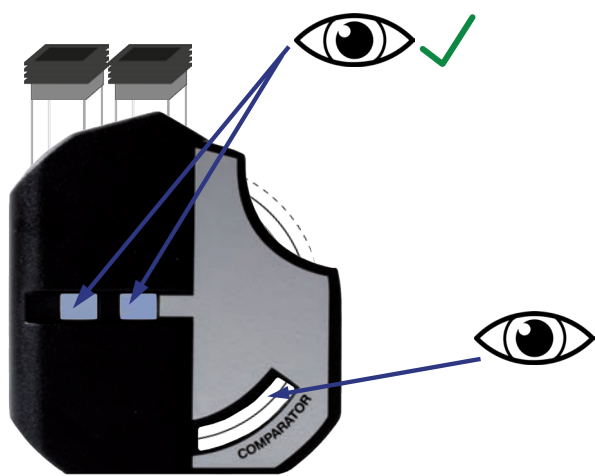


6



7



**3****4****5****8****9**

## Phosphate HR Comparator:

UFI: A9RG-YSIS-JR10-P5UC



### **DANGER**

**H314** - Causes severe skin burns and eye damage

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water [or shower]

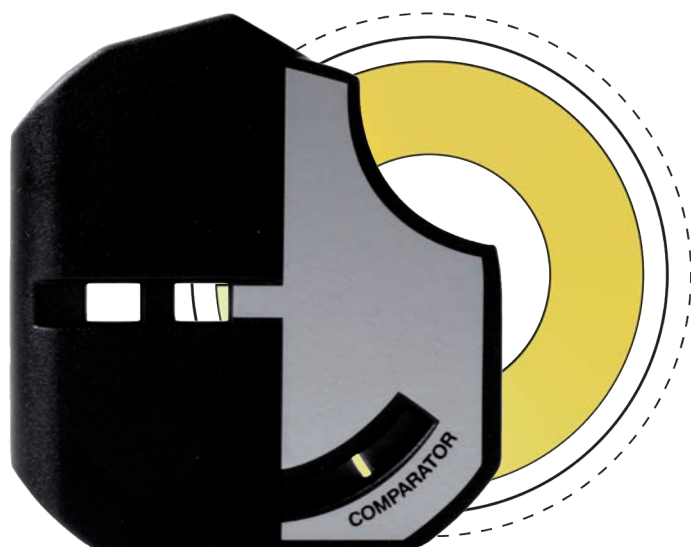
**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

**This product requires tactile warnings if supplied to the general public. This product requires child resistant fastenings if supplied to the general public.**

# Phosphate HR

(0 - 80 mg/l PO<sub>4</sub><sup>3-</sup>)



Phosphate HR Comparator



Phosphate HR



Phosphat HR



Phosphate HR



Fosfato HR



Fosfato HR



Fosfato HR



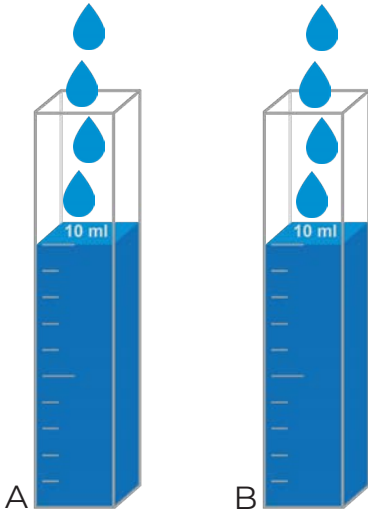
Fosfat HR



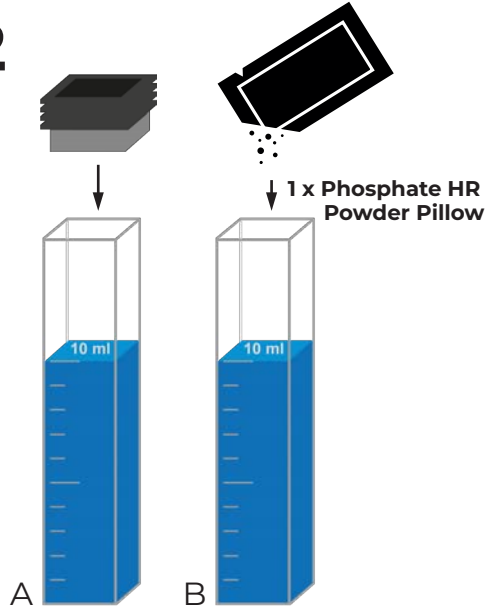
Fosfaat HR

1

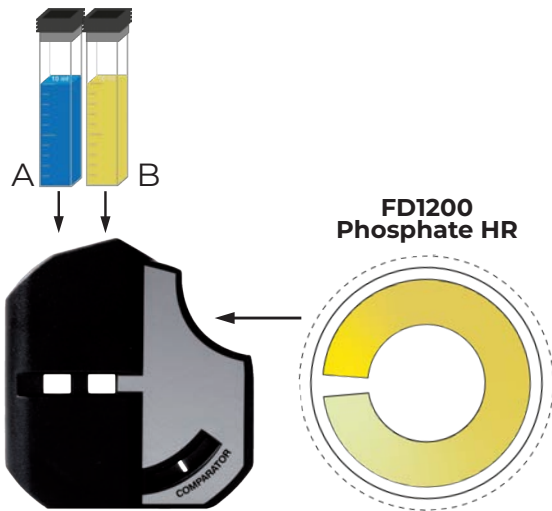
10 ml sample water each



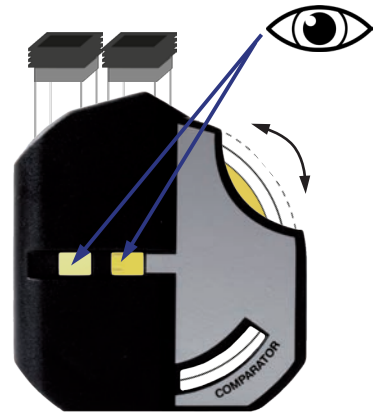
2



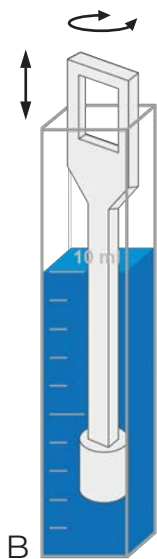
5



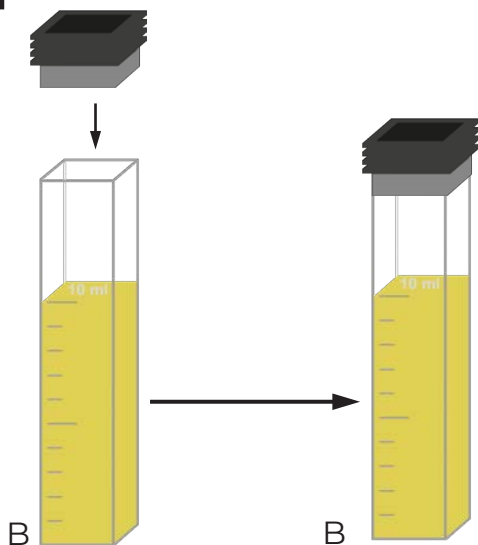
6



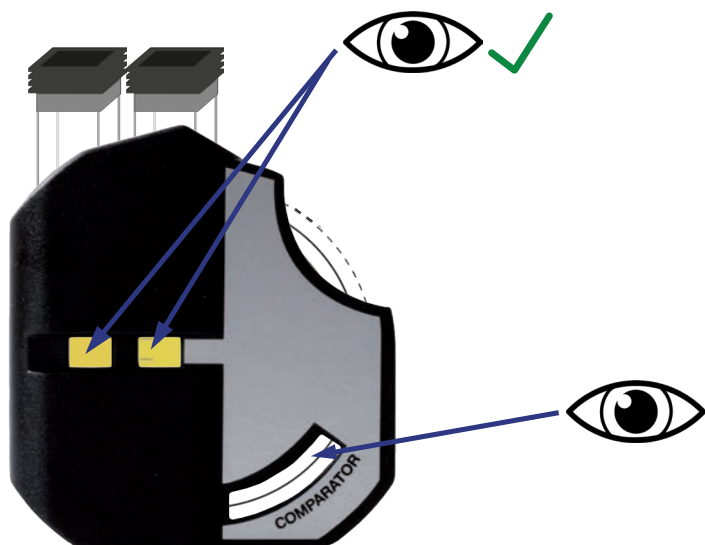
3



4



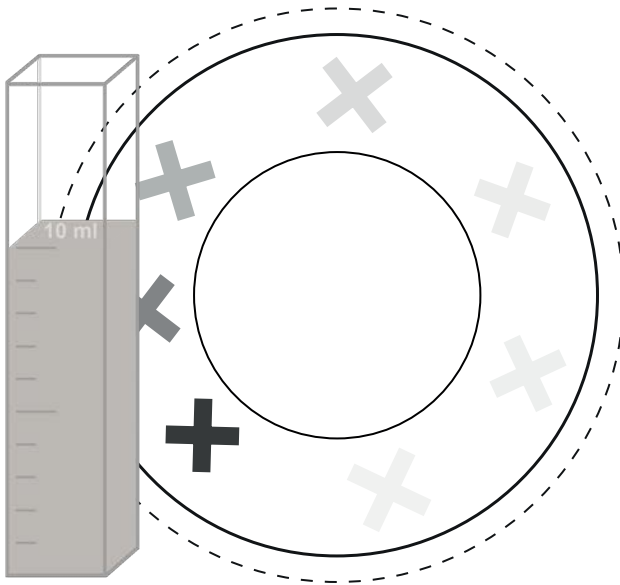
7





# Potassium

(0.8 - 12.0 mg/l K<sup>+</sup>)



Potassium



Potassium



Kalium



Potassium



Potassio



Potasio



Potássio



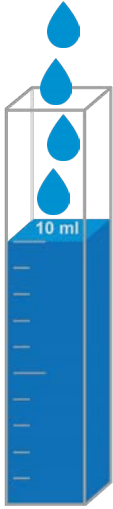
Kalium



Kalium

1

10 ml sample water



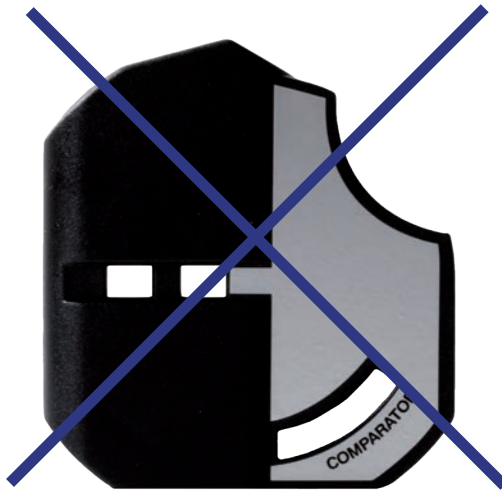
2



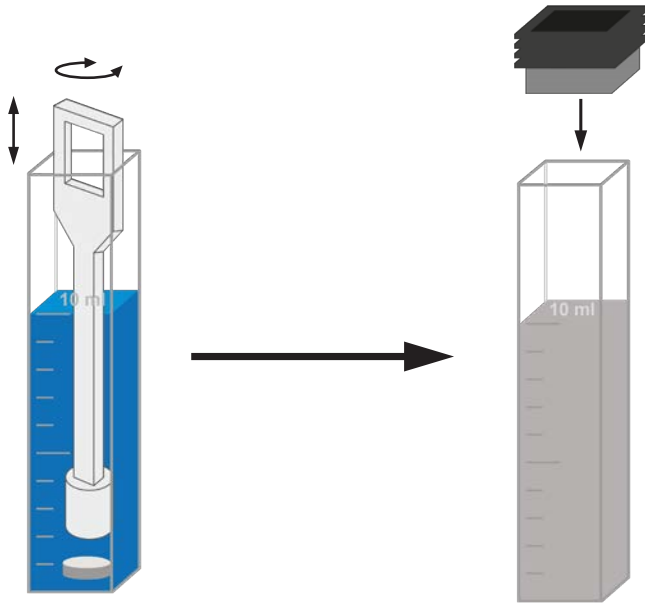
1 x Potassium



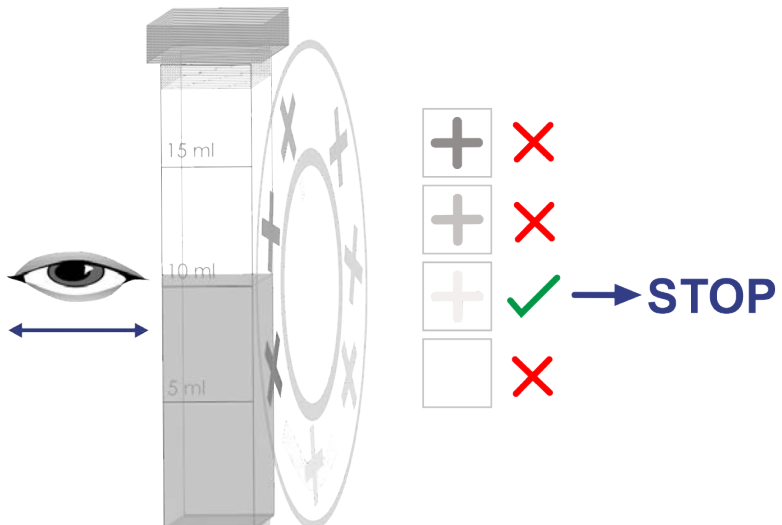
4



3



5



## Acidifying GP:

UFI: WYJT-DUQY-1W0J-4MWT



### WARNING

**H319** - Causes serious eye irritation

**H335** - May cause respiratory irritation

**P261** - Avoid breathing dust/fume/gas/mist/vapours/spray

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear eye protection/ face protection

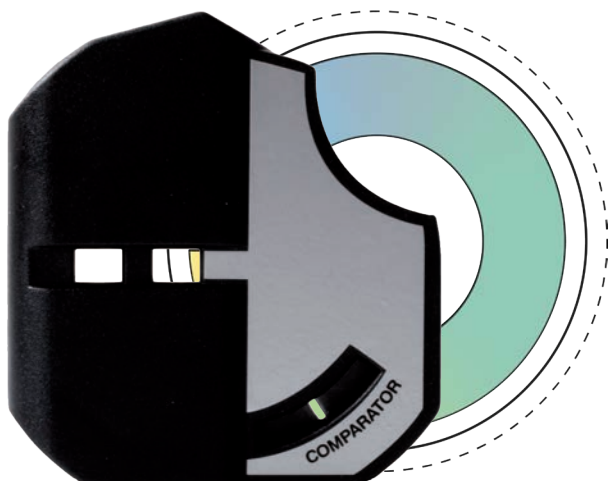
**P312** - Call a POISON CENTER or doctor if you feel unwell

**P403 + P233** - Store in a well-ventilated place. Keep container tightly closed

**P501** - Dispose of contents/ container to an approved waste disposal plant

# QAC

(0 - 200 mg/l QAC)



Acidifying GP Powder Pillow



QAC HR Photometer



QAC



QAC



QAC



QAC



QAC



QAC

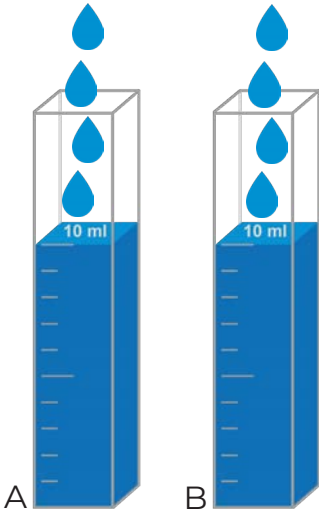


QAC

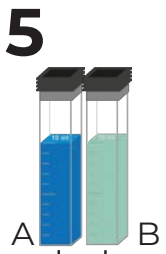
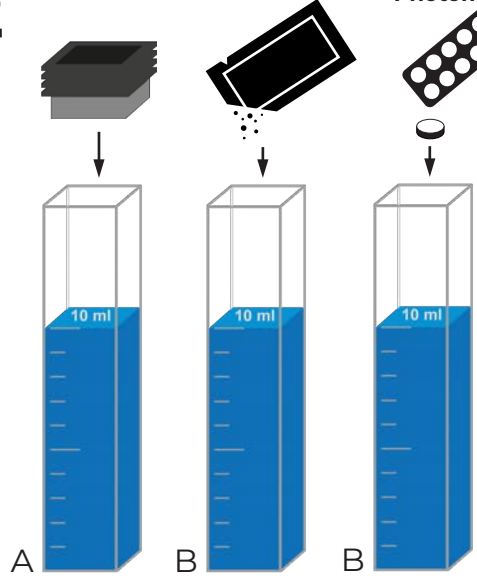


QAC

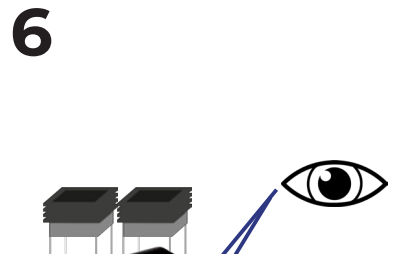
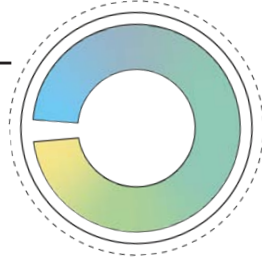
**1** 10 ml sample water each



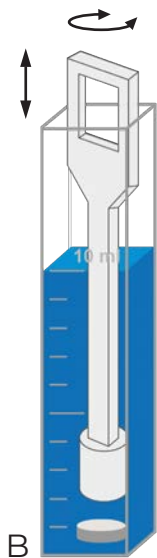
**2** 1 x Acidifying GP 1 x QAC HR Photometer



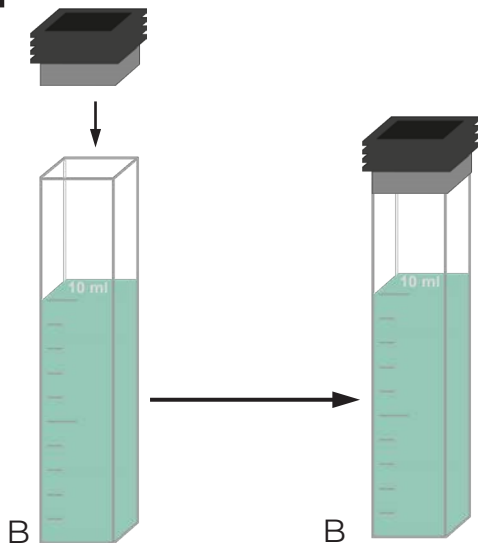
FD1500  
QAC



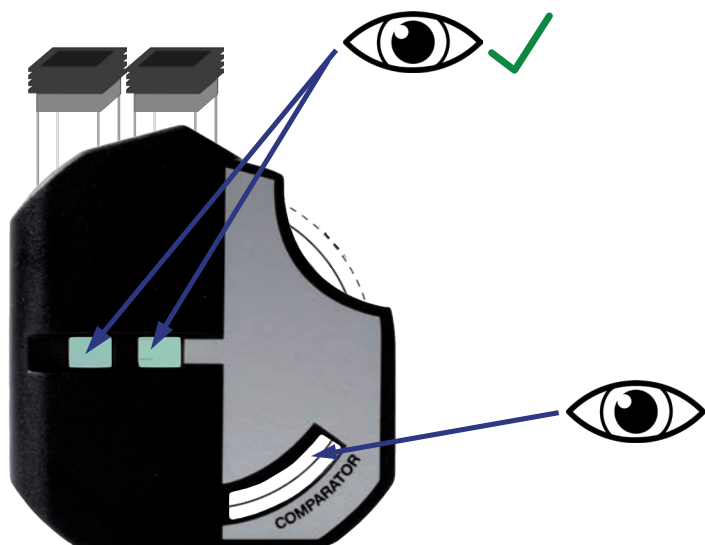
3



4



7



## Silica HR 1:

**P280** - Wear protective gloves/protective clothing/eye protection/face protection.

## Silica HR 2:

H2F0-V0UG-N00A-VHJW



### WARNING

**H315** - Causes skin irritation.

**H319** - Causes serious eye irritation.

**H412** - Harmful to aquatic life with long lasting effects.

**P264** - Wash hands thoroughly after handling.

**P280** - Wear protective gloves/protective clothing/eye protection/face protection.

**P273** - Avoid release to the environment.

**P305+P351+P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P302+P352** - IF ON SKIN: Wash with plenty of water.

**P332+P313** - If skin irritation occurs: Get medical advice/attention.

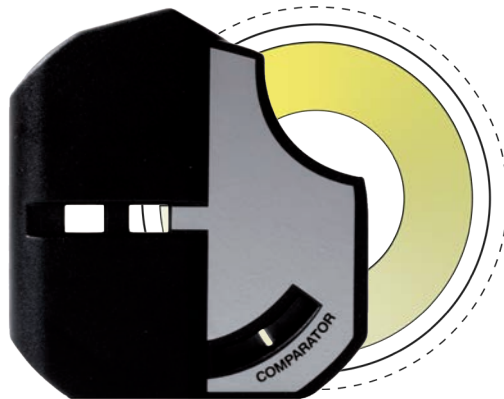
**P362** - Take off contaminated clothing.

## Silica HR 3:

**P280** - Wear protective gloves/protective clothing/eye protection/face protection.

# Silica HR

(0 - 100 mg/l SiO<sub>2</sub>)



**Silica HR 1 Powder Pillow**



**Silica HR 2 Powder Pillow**



**Silica HR 3 Powder Pillow**



**Silica HR**



**Kieselsäure HR**



**Silice HR**



**Silice HR**



**Sílice HR**



**Sílica HR**

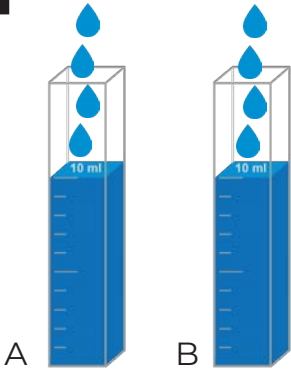


**Silica HR**

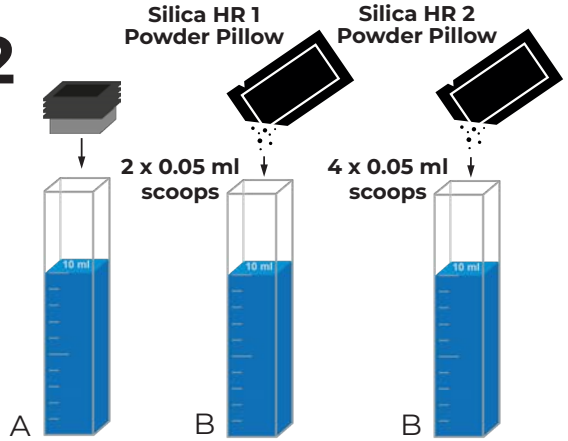


**Kieselzuur HR**

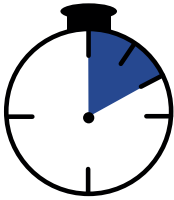
**1** 10 ml sample water each



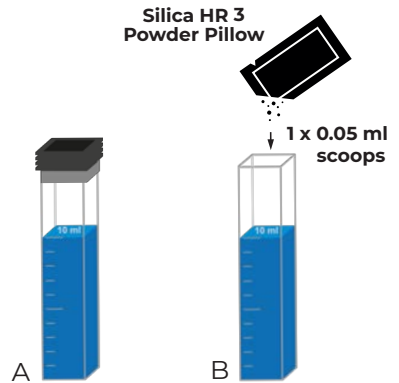
**2**



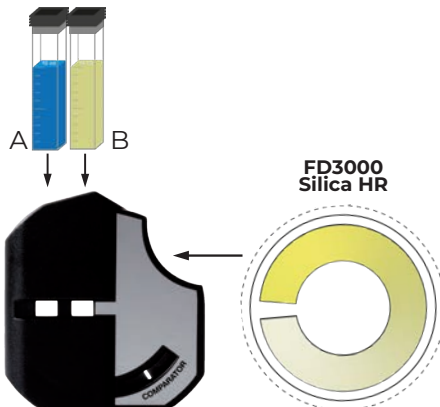
**5** 10 min.



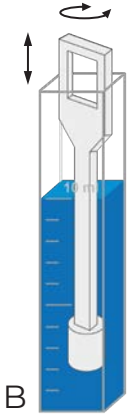
**6**



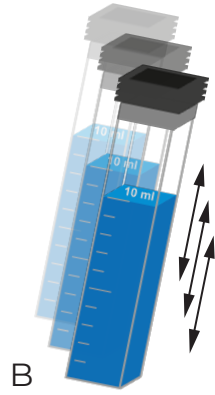
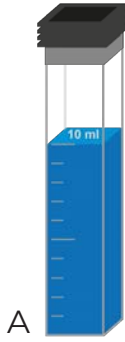
**9**



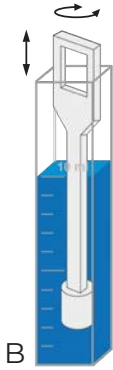
**3**



**4**

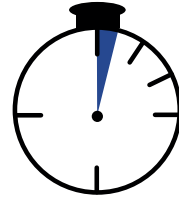


**7**

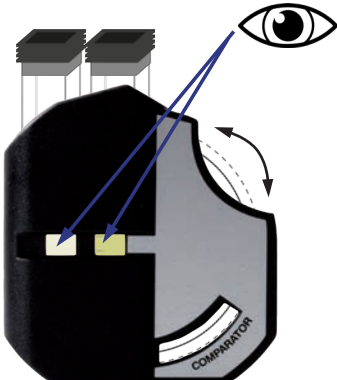


**8**

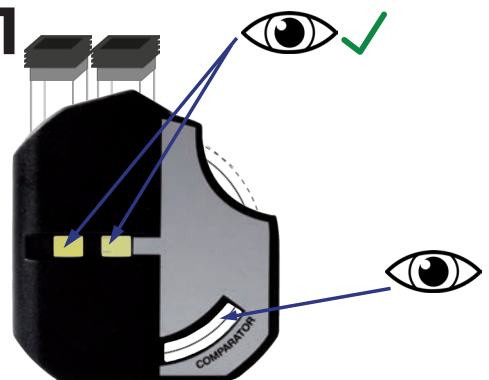
**2 min.**



**10**



**11**



## Silica LR 1:

UFI: TSH4-P4VA-HWIN-JC15



### DANGER

**H314** - Causes severe skin burns and eye damage

**H332** - Harmful if inhaled

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

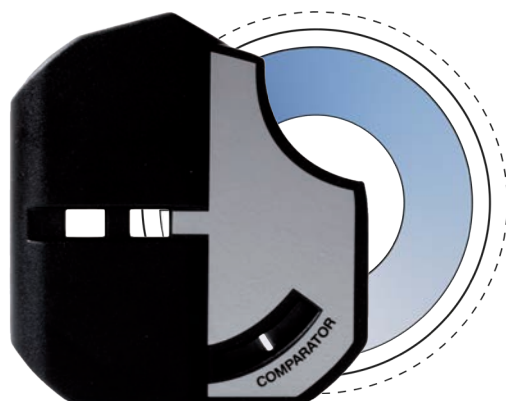
**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

**P321** - Specific treatment (see ? on this label)

# Silica LR

(0.00 - 5.00 mg/l SiO<sub>2</sub>)



**Silica LR 1**



**Silica LR 2**



**Silica LR 3 Powder Pillow**



**Silica LR**



**Kieselsäure LR**



**Silice LR**



**Silice LR**



**Sílice LR**



**Sílica LR**



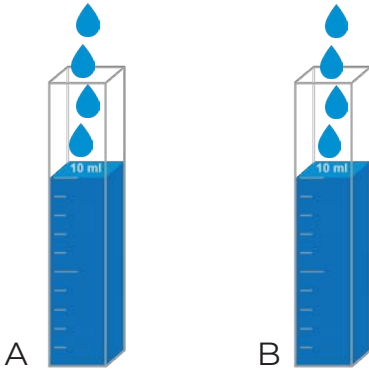
**Silica LR**



**Kieselzuur LR**

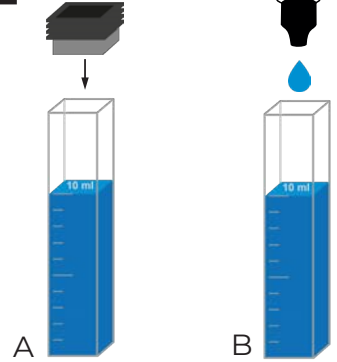
1

10 ml sample water each



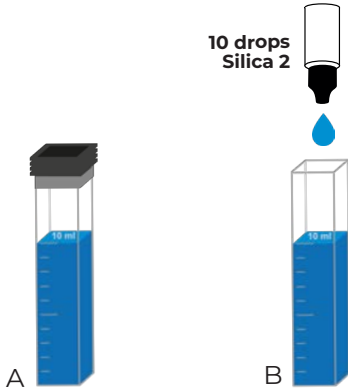
2

10 drops  
Silica 1

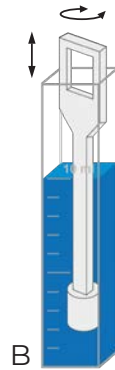


5

10 drops  
Silica 2



6



9

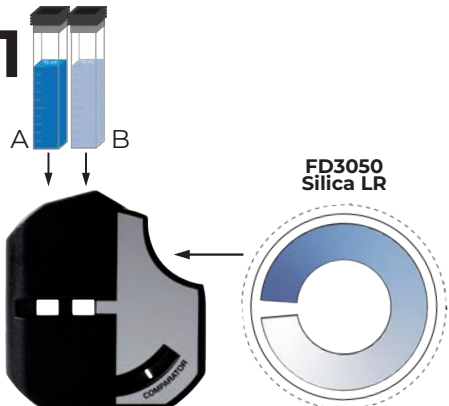


10

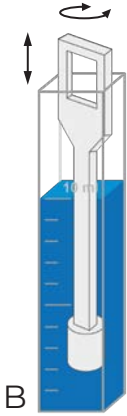
2 min.



11

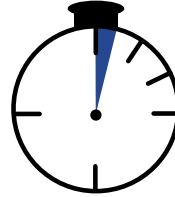


3



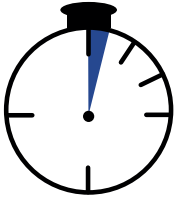
4

2 min.



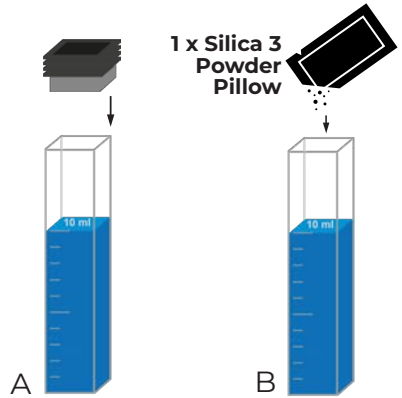
7

2 min.

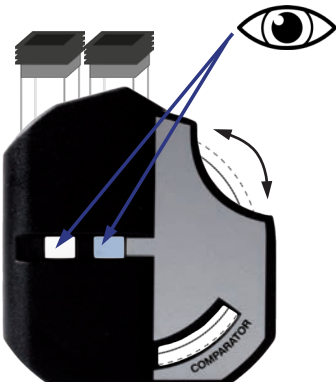


8

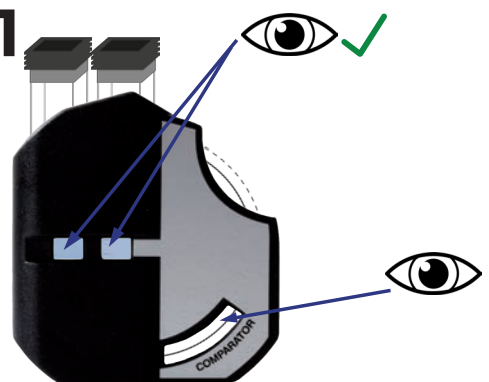
1 x Silica 3  
Powder Pillow



10



11



## Chlorine HR (KI):

UFI: 4WFC-S65D-861G-JX2U



### WARNING

**H373** - May cause damage to organs through prolonged or repeated exposure

**P260** - Do not breathe dust/fume/gas/mist/vapours/spray

**P314** - Get medical advice/attention if you feel unwell

**P501** - Dispose of contents/ container to an approved waste disposal plant

## Acidifying GP:

UFI: WYJT-DUQY-1W0J-4MWT



### WARNING

**H319** - Causes serious eye irritation

**H335** - May cause respiratory irritation

**P261** - Avoid breathing dust/fume/gas/mist/vapours/spray

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P280** - Wear eye protection/ face protection

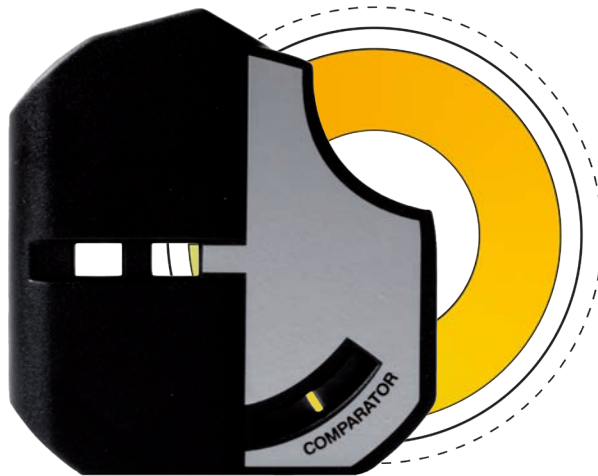
**P312** - Call a POISON CENTER or doctor if you feel unwell

**P403 + P233** - Store in a well-ventilated place. Keep container tightly closed

**P501** - Dispose of contents/ container to an approved waste disposal plant

# Sodium Hypochlorite

(2 - 18 % NaOCl)



 Chlorine HR (KI)

 Acidifying GP

 Sodium Hypochlorite

 Natriumhypochlorit

 Hypochlorite de sodium

 Ipoclorito di sodio

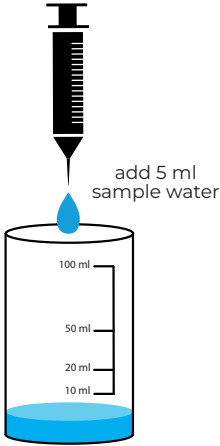
 Hipoclorito sódico

 Hipoclorito de sódio

 Natriumhypoklorit

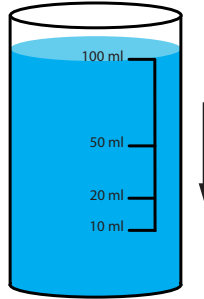
 Natriumhypochloriet

1

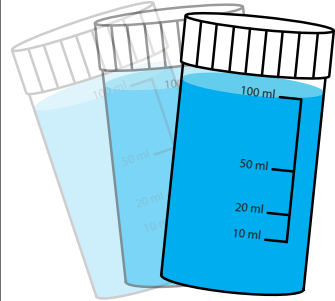


2

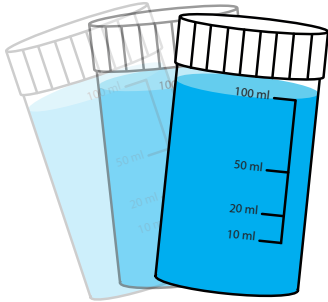
add 95 ml distilled water



3

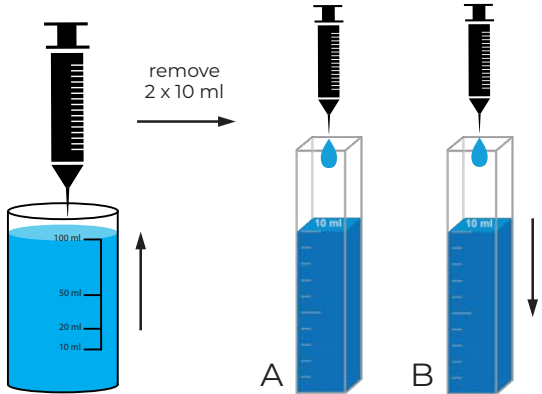


7

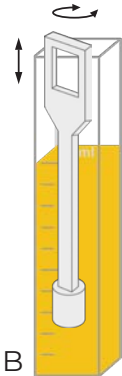


8

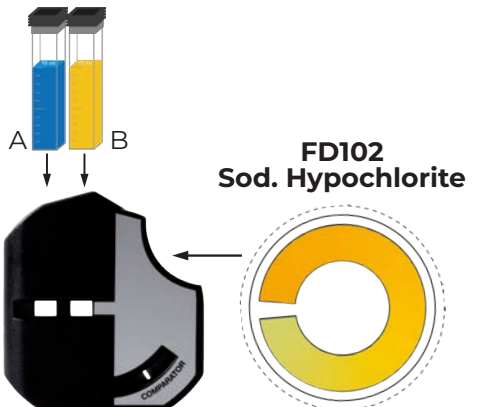
remove 2 x 10 ml



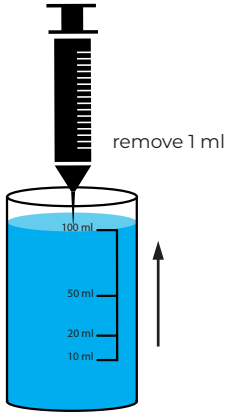
12



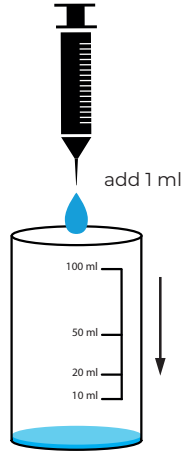
13



4

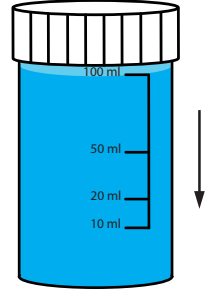


5



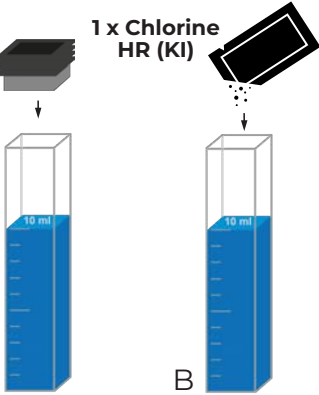
6

add 99 ml distilled water



9

1 x Chlorine HR (KI)

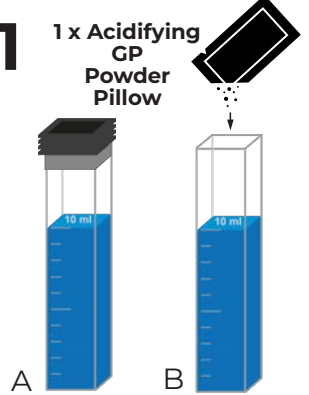


10

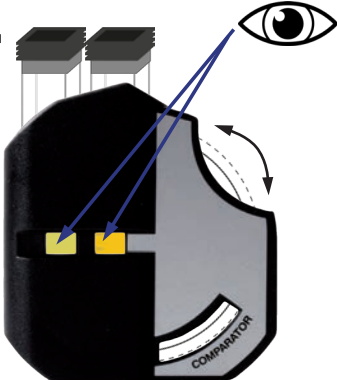


11

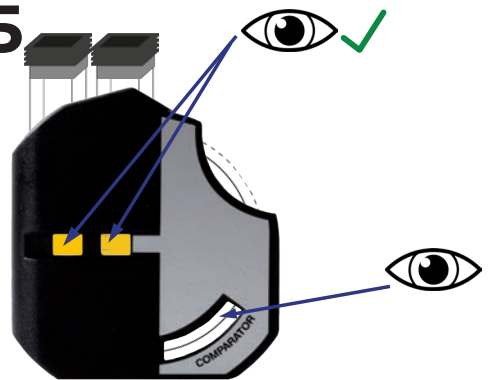
1 x Acidifying GP Powder Pillow



14



15



## Sulfate Photometer:

YUKD-DYMR-DW1M-E2MN



### WARNING

**H302** - Harmful if swallowed

**H319** - Causes serious eye irritation

**H332** - Harmful if inhaled

**P261** - Avoid breathing dust, fume, gas, mist, vapors and spray

**P264** - Wash face, hands and any exposed skin thoroughly after handling

**P270** - Do not eat, drink or smoke when using this product

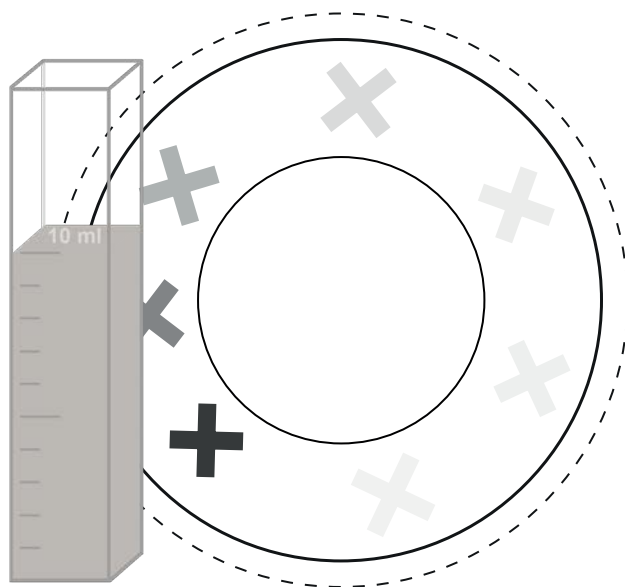
**P280** - Wear eye and face protection

**P312** - Call a POISON CENTER or doctor if you feel unwell

**P501** - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

# Sulfate

(0 - 100 mg/l SO<sub>4</sub><sup>2-</sup>)



## Sulfate Photometer



Sulphate



Sulfat



Sulfate



Solfato



Sulfato



Sulfato

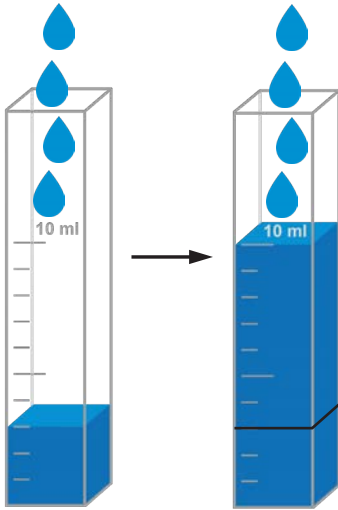


Sulfat

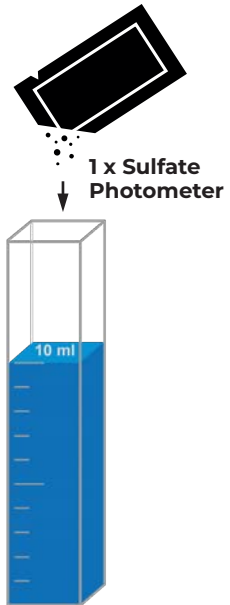


Sulfaat

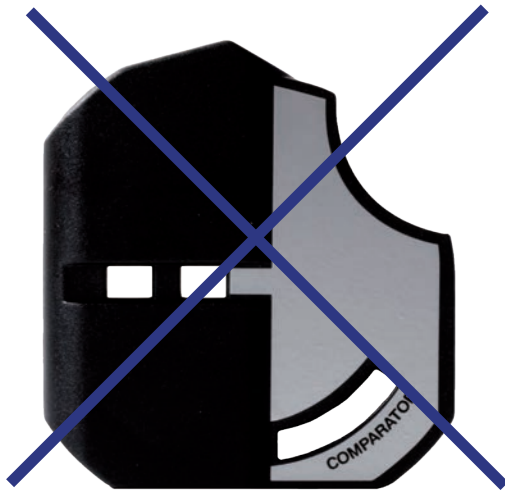
**1** 3 ml sample water + 7 ml dest. water



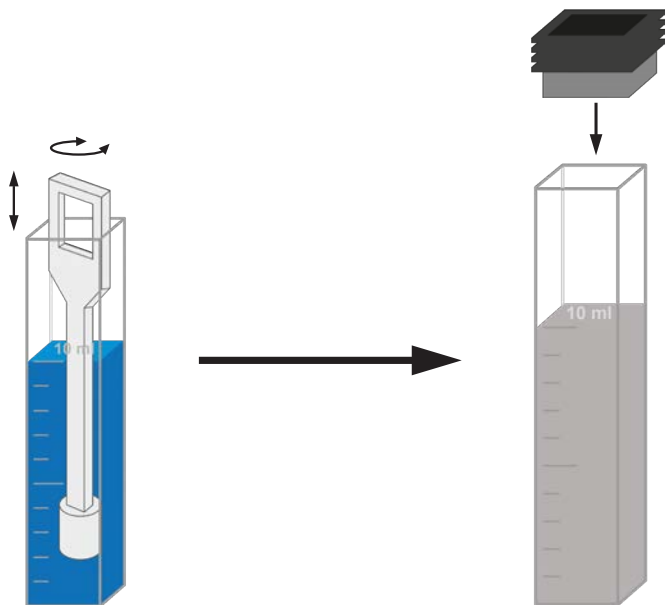
**2**



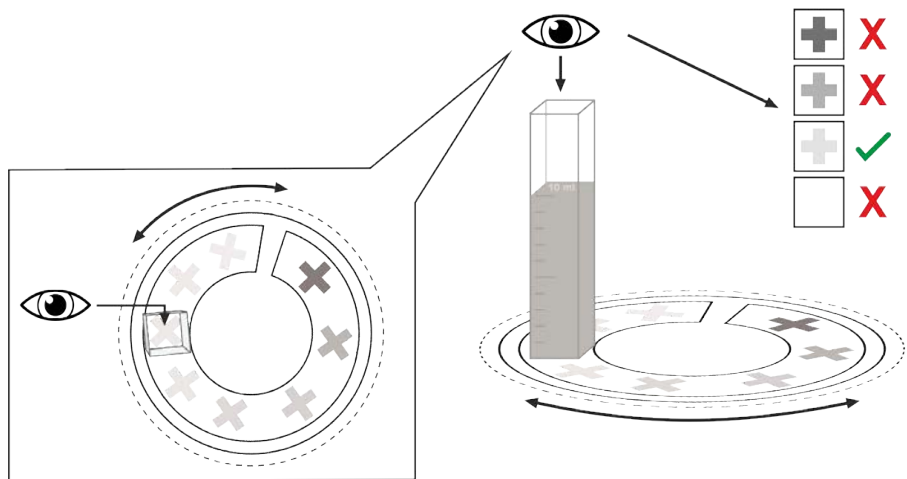
**5**



# 3



# 5



## Sulphide N°1 Photometer:

UFI: 71UF-8CWY-765V-8A6V



### DANGER

**H314** - Causes severe skin burns and eye damage

**H412** - Harmful to aquatic life with long lasting effects

**P260** - Do not breathe dust/fume/gas/mist/vapors/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water [or shower]

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

## Sulphide N°2 Photometer:

UFI: F500-C029-G00F-DND2



### DANGER

**H314** - Causes severe skin burns and eye damage

**EUH208** - May produce an allergic reaction.

**P260** - Do not breathe dust/fume/gas/mist/vapors/spray

**P280** - Wear protective gloves/protective clothing and eye/face protection

**P303 + P361 + P353** - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

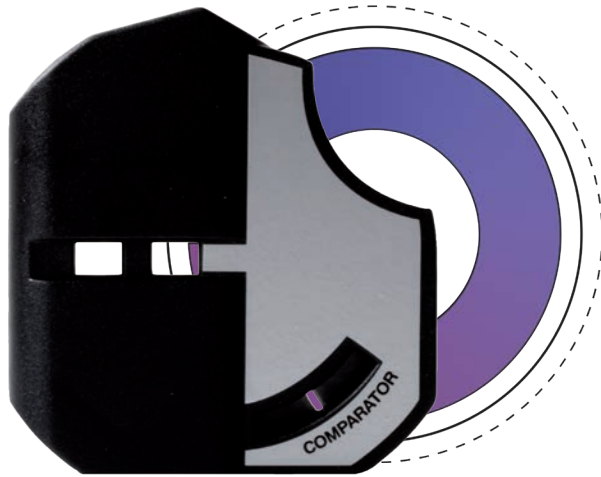
Rinse skin with water [or shower]

**P305 + P351 + P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**P310** - Immediately call a POISON CENTER or doctor

# Sulphide

(0.00 - 0.50 mg/l S<sup>2-</sup>)



Sulphide N°1 Photometer



Sulphide N°2 Photometer



Sulphide



Sulfid



Sulfure



Solfuro



Sulfuro



Sulfureto



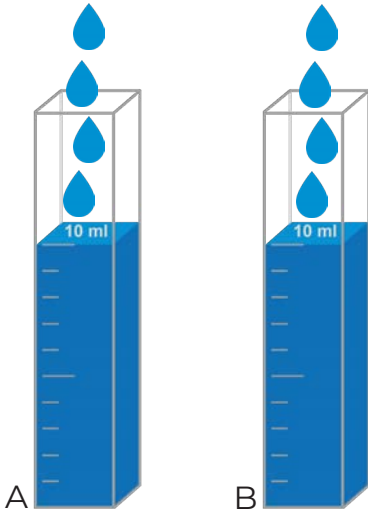
Sulfid



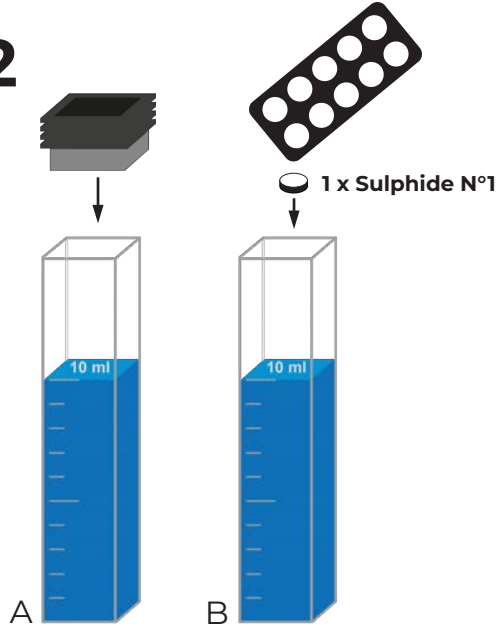
Sulfide

1

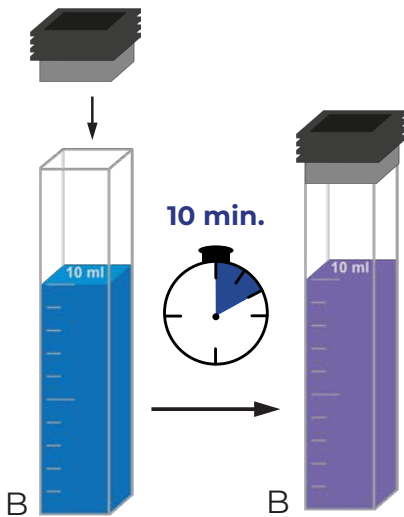
10 ml sample water each



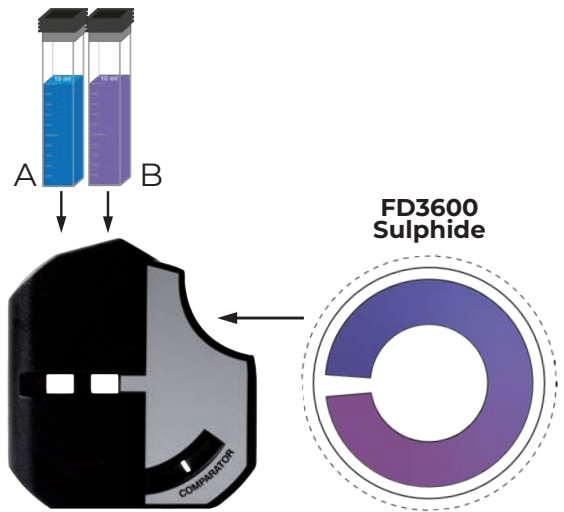
2



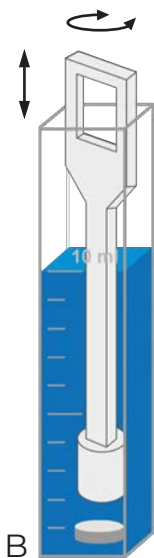
6



7



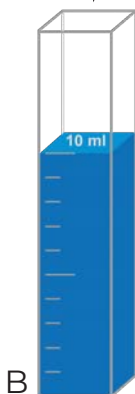
**3**



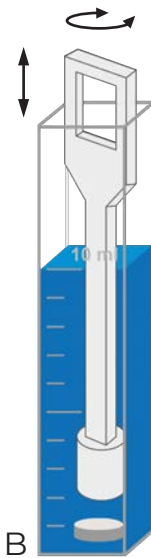
**4**



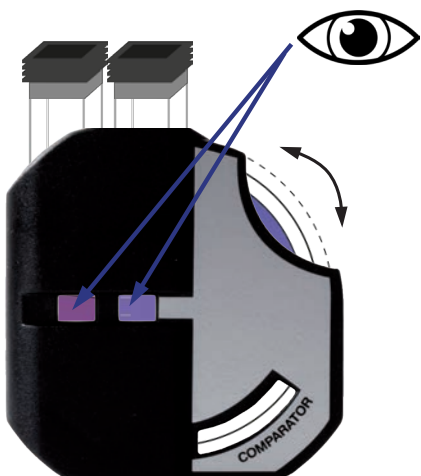
1 x Sulphide N°2



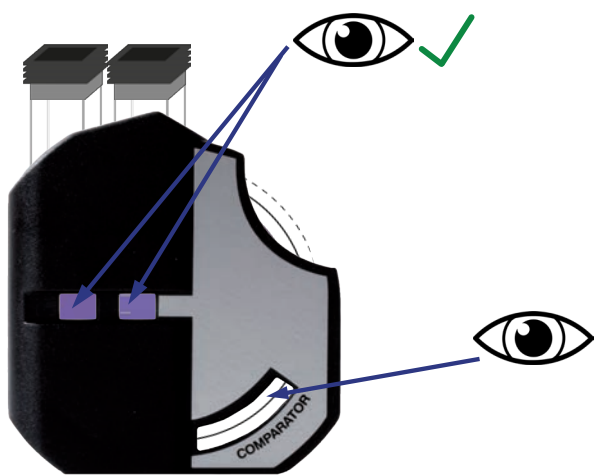
**5**



**8**



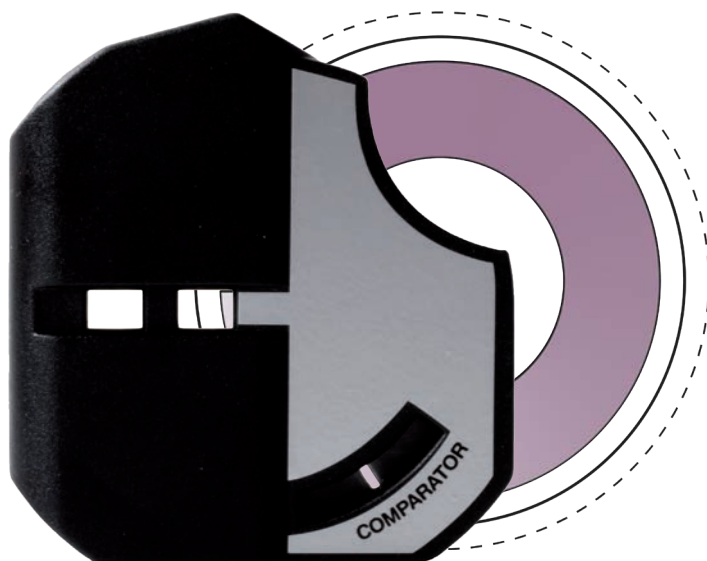
**9**





# Total Hardness

(0 - 500 mg/l CaCO<sub>3</sub>)



## Total Hardness



Total Hardness



Gesamthärte



Dureté totale



Durezza totale



Durezza total



Durezza total

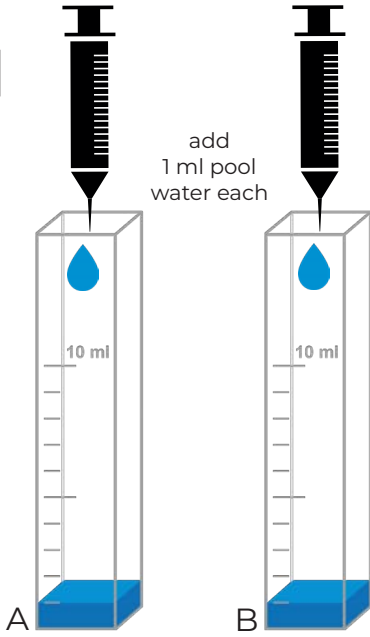


total hårdhed

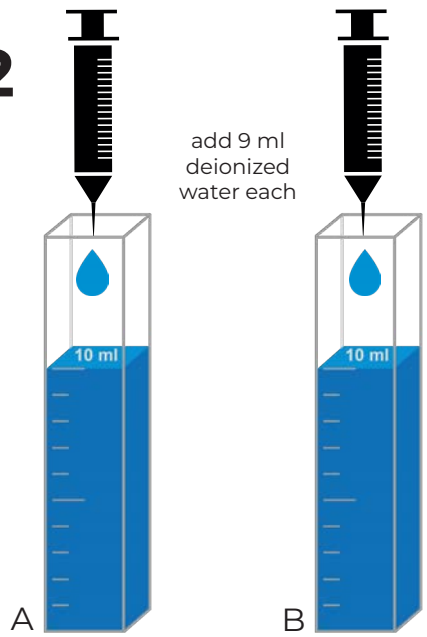


Totale hardheid

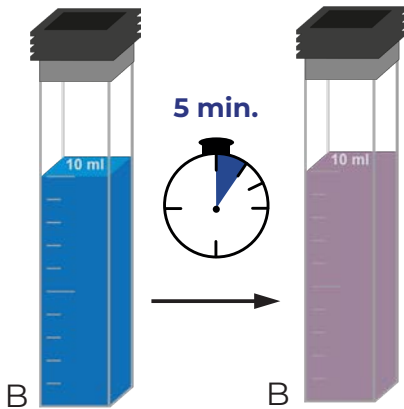
1



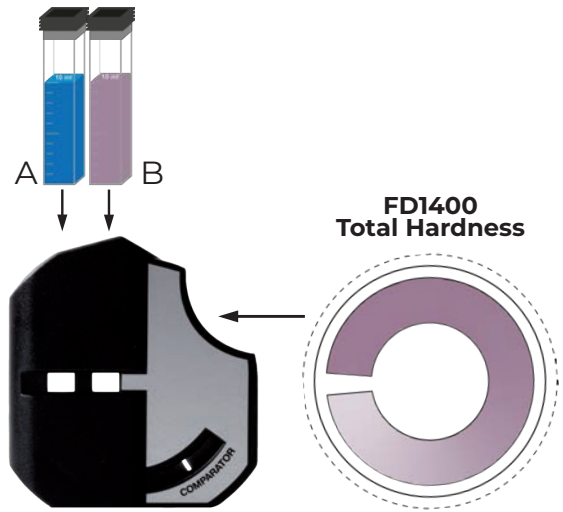
2



6

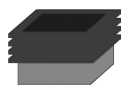


7



**3**

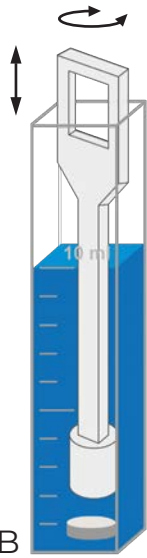
1 x Total Hardness



A

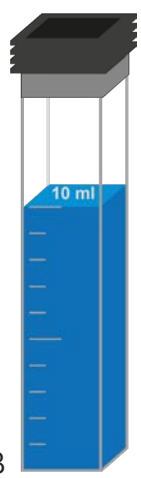
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**4**



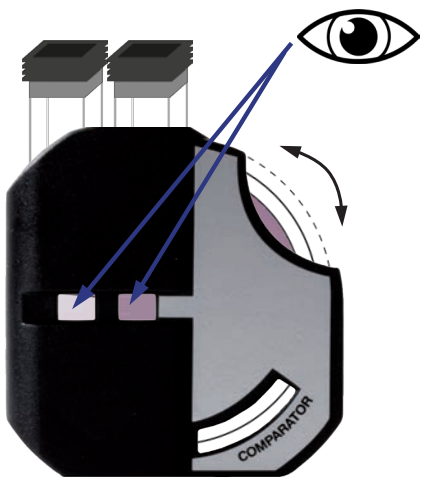
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**5**

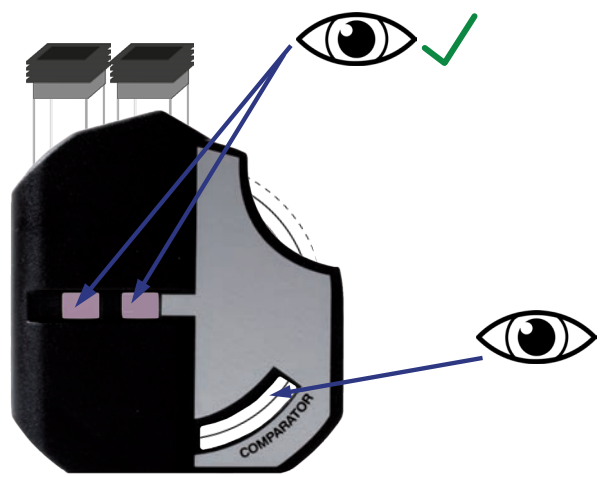


B

**8**



**9**



# Reagents overview

Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPD4	Active Oxygen (MPS)	0.0 – 20.0 mg/l MPS	DPD N°4	Tablet
TbsPTA	Alkalinity	0 – 200 mg/l CaCO <sub>3</sub>	Alkalinity-M	Tablet
TbsHALM1 TbsPALM2	Aluminium	0.00 – 0.30 mg/l Al <sub>3</sub>	Aluminium N°1 Aluminium N°2	Tablet Tablet
PPHAM1 PPPAM2	Ammonia	0.00 – 1.00 mg/l N	Ammonia N°1 Ammonia N°2	Powder Pillow Powder Pillow
TbsPD1 TbsPD1HC	Bromine	0.0 – 10.0 mg/l Br <sub>2</sub>	DPD N°1 DPD N°1 High Calcium	Tablet Tablet
TbsHCH1 TbsPCH2	Calcium Hardness	0 – 500 mg/l CaCO <sub>3</sub>	Calcium Hardness N°1 Calcium Hardness N°2	Tablet Tablet
PL30OxyScav1 PL65OxyScav2	Carbohydrazide	0.00 – 0.65 mg/l CH <sub>6</sub> N <sub>4</sub> O	Oxygen Scavenger 1 Oxygen Scavenger 2	Liquid Liquid
TbsHCRD1 TbsPCRD2	Chloride	0 – 40 mg/l Cl <sup>-</sup>	Chloride N°1 Chloride N°2	Tablet Tablet
TbsPD1 TbsPD1HC TbsPD3 PPHAFG	Chlorine LR/MR	0.0 – 1.0 / 5.0 mg/l Cl <sub>2</sub>	DPD N°1 DPD N°1 High Calcium DPD N°3 Acidifying GP	Tablet Tablet Tablet Auxiliary
PPPCIHR	Chlorine HR	10 – 300 mg/l Cl <sub>2</sub>	Chlorine HR KI	Powder Pillow
TbsPD1 TbsPD1HC TbsHGC	Chlorine Dioxide LR/HR	0.00 – 1.90/6.65 mg/l ClO <sub>2</sub>	DPD N°1 DPD N°1 High Calcium Glycine	Tablet Tablet Tablet
TbsHCu1 TbsPCu2	Copper	0.0 – 5.0 mg/l Cu <sup>2+</sup>	Copper N°1 Copper N°2	Tablet Tablet
TbsPCZLR TbsHDC TbsHED	Copper / Zinc LR	0.0 – 1.0 mg/l Cu <sup>2+</sup> /Zn <sup>2+</sup>	Copper Zinc LR Dechlor EDTA	Tablet Auxiliary Auxiliary
TbsPCZHR TbsHDC TbsHED	Copper / Zinc HR	0.00 – 5.00 mg/l Cu <sup>2+</sup> /Zn <sup>2+</sup>	Copper Zinc HR Dechlor EDTA	Tablet Auxiliary Auxiliary
TbsPCAT	Cyanuric Acid	10 – 80 mg/l Cya	CYA-Test	Tablet
LR30Dehatest LR65Dehaindic	DEHA	0.00 – 0.50 mg/l DEHA	DEHA Test Solution DEHA Indicator	Liquid Liquid
PL65Fluoride1 PL65Fluoride2	Fluoride	0.0 – 2.0 mg/l F <sup>-</sup>	Fluoride 1 Fluoride 2	Liquid Liquid

Tablets (p-p)				Liquids (ml)		Powder Pillows (p.p)		Powders (g) (can)		
50	100	250	500	30 ml	65 ml	50 p.p	100 p.p	10 g	20 g	60 g
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Item-Code	Parameter	Measurement Range	Reagent	Category
TbsRHP TbsHAFPP	Hydrogen Peroxid HR	5 – 50 mg/l H <sub>2</sub> O <sub>2</sub>	Hydrogen Peroxide Acidifying PT	Tablet Auxiliary
TbsPILR	Iron LR	0.05 – 1.00 mg/l Fe <sup>2+/3+</sup>	Iron LR	Tablet
TbsPIHR	Iron HR	1.0 – 10.0 mg/l Fe <sup>2+/3+</sup>	Iron HR	Tablet
TbsPmag	Magnesium	0 – 100 mg/l Mg <sup>2+</sup>	Magnesium	Tablet
PPHMGNSLR1 PPPMGNSLR2	Manganese	0.00 – 5.00 mg/l Mn <sup>2+</sup>	Manganese LR N°1 Manganese LR N°2	Powder Pillow Powder Pillow
TbsHMDH1 TbsPMDH2	Molybdate HR	0 – 100 mg/l MoO <sub>4</sub> <sup>2-</sup>	Molybdate HR N°1 Molybdate HR N°2	Tablet Tablet
PPHNitra1 PPPNitra2	Nitrate HR	1 – 100 mg/l NO <sub>3</sub> <sup>-</sup>	Nitrate HR N°1 Nitrate HR N°2	Powder Pillow Powder Pillow
PLpow20Nitra1 PL65Nitra2	Nitrate MR	0 - 10 mg/l N	PL Nitrate 1 PL Nitrate 2	Powder Can Liquid
PPPNiLR	Nitrite LR	0.0 – 0.5 mg/l N	Nitrite LR	Powder Pillow
TbsPD1 TbsPD1HC TbsPD3 TbsHGC	Ozone	0.0 – 3.4 mg/l O <sub>3</sub>	DPD N°1 DPD N°1 High Calcium DPD N°3 Glycine	Tablet Tablet Tablet Tablet
TbsPpH TbsPUPH	pH	pH 6.5 – 8.4 pH 4.0 – 10.0	Phenol Red Universal pH	Tablet Tablet
TbsRPB50	PHMB	10 – 100 mg/l PHMB	PHMB	Tablet
PPHPPLR1 TbsPPPLR2	Phosphate LR	0.00 – 4.00 mg/l PO <sub>4</sub> <sup>3-</sup>	Phosphate LR N°1 Phosphate LR N°2	Powder Pillow Tablet
PPCPP	Phosphate HR	0 – 80 mg/l PO <sub>4</sub> <sup>3-</sup>	Phosphate HR	Powder Pillow
TbsPPTST	Potassium	0.8 – 12.0 mg/l K <sup>+</sup>	Potassium	Tablet
TbsPQAC PPHAFG	QAC HR	0 – 200 mg/l QAC	QAC HR Acidifying GP	Tablet Auxiliary
PL25SiLR1 PL25SiLR2 PPPSiI3	Silicate LR	0.00 – 5.00 mg/l SiO <sub>2</sub>	Silica N°1 Silica N°2 Silica N°3	Liquid Liquid Powder Pillow
PLpow20SiHR1 PLpow60SiHR2 PLpow10SiHR3	Silicate HR	0 – 100 mg/l SiO <sub>2</sub>	Silica HR 1 Silica HR 2 Silica HR 3	Powder Powder Powder
PPPCIHR PPHAFG	Sodium Hypochlorite	2 – 18 % NaOCl	Chlorine HR KI Acidifying GP	Powder Pillow Auxiliary
TbsHSULFD1 TbsPSULFD2	Sulphide	0.04 – 0.50 mg/l S <sup>2-</sup>	Sulphide N°1 Sulphide N°2	Tablet Tablet
TbsPTH	Total Hardness	0 – 500 mg/l CaCO <sub>3</sub>	Total Hardness	Tablet



# Comparator / single components

Item No.	Product Description	Range
FD200	Disc for Active Oxygen	0.0 – 20.0 mg/l MPS
FD500	Disc for Alkalinity	0 - 200 mg/l CaCO <sub>3</sub>
FD3400	Disc for Aluminium	0.00 – 0.30 mg/l Al <sub>3+</sub>
FD2100	Disc for Ammonia	0.00 – 1.00 mg/l N
FD800	Disc for Bromine	0.0 – 10.0 mg/l Br <sub>2</sub>
FD1300	Disc for Calcium Hardness	0 - 500 mg/l CaCO <sub>3</sub>
FD4300	Disc for Carbohydrazide	0.0 - 0.65 mg/l CH <sub>6</sub> N <sub>4</sub> O
FD600	Disc for Chloride	0 - 40 mg/l Cl <sup>-</sup>
FD4600	Disc for Colour (Hazen/APHA)	0 - 500 units
FD400	Disc for Copper	0.0 - 5.0 mg/l Cu <sup>2+</sup>
FD401	Disc for Copper/Zinc LR	0.00 - 1.00 mg/l Cu <sup>2+</sup> /Zn <sup>2+</sup>
FD402	Disc for Copper/Zinc HR	0.0 - 5.0 mg/l Cu <sup>2+</sup> /Zn <sup>2+</sup>
FD1100	Disc or Cyanuric Acid	10 - 80 mg/l Cya
FD100	Disc for Chlorine LR	0.00 - 1.00 mg/l Cl <sub>2</sub>
FD101	Disc for Chlorine MR	0.0 - 5.0 mg/l Cl <sub>2</sub>
FD110	Disc for Chlorine HR	10 - 300 mg/l Cl <sub>2</sub>
FD900	Disc for Chlorine Dioxide	0.00 - 6.65 mg/l ClO <sub>2</sub>
FD910	Disc for Chlorine Dioxide	0.00 - 1.90 mg/l ClO <sub>2</sub>
FD3100	Disc for DEHA	0.00 – 0.50 mg/l DEHA
FD3500	Disc for Fluoride	0.00 - 2.00 mg/l F <sup>-</sup>
FD300	Disc for Hyd. Peroxide	5 - 50 mg/l H <sub>2</sub> O <sub>2</sub>
FD1900	Disc for Iron LR	0.05 - 1.00 mg/l Fe <sup>2+/3+</sup>
FD1950	Disc for Iron HR	1.0 - 10.0 mg/l Fe <sup>2+/3+</sup>
FD4400	Disc for Magnesium	0 - 100 mg/l Mg <sup>2+</sup>
FD2900	Disc for Manganese	0.0 - 5.0 mg/l Mn <sup>2+</sup>
FD2000	Disc for Molybdate HR	0 - 100 mg/l MoO <sub>4</sub> <sup>2-</sup>
FD2200	Disc for Nitrate HR	1 - 100 mg/l NO <sub>3</sub> <sup>-</sup>
FD2290	Disc for Nitrate MR	0 - 10 mg/l N
FD1700	Disc for Nitrite LR	0.00 - 0.50 mg/l N

Item No.	Product Description	Range
FD1000	Disc for Ozone	0.0 - 3.4 mg/l O <sub>3</sub>
FD50	Disc for pH	pH 6.5 - 8.4
FD55	Disc for pH Universal	pH 4 - 10
FD2300	Disc for PHMB	10 - 100 mg/l PHMB
FD1250	Disc for Phosphate LR	0.00 - 4.00 mg/l PO <sub>4</sub> <sup>3-</sup>
FD1200	Disc for Phosphate HR	0 - 80 mg/l PO <sub>4</sub> <sup>3-</sup>
FD4700	Disc for Potassium	0.8 - 12.0 mg/l K <sup>+</sup>
FD1500	Disc for QAC HR	0 - 200 mg/l QAC
FD3000	Disc for Silica HR	0 - 100 mg/l SiO <sub>2</sub>
FD3050	Disc for Silica LR	0.00 - 5.00 mg/l SiO <sub>2</sub>
FD3600	Disc for Sulphide	0.04 - 0.50 mg/l S <sup>2-</sup>
FD102	Disc for Sodium Hypochlorite	2 - 18 % NaOCl
FD1400	Disc for Total Hardness	0 - 500 mg/l CaCO <sub>3</sub>

# Accessoires / spare parts

Item No.	Product Description	Quantity
PCP001	Comparator for Comparator-Discs	1
Spkv5	Plastic Square for Comparator (10 ml)	5
Spkv10	Plastic Square for Comparator (10 ml)	10
Spkv50	Plastic Square for Comparator (10 ml)	50
Spkv100	Plastic Square for Comparator (10 ml)	100
Spstr1	Plastic Stirring Rod (13 cm)	1
Spstr10	Plastic Stirring Rod (13 cm)	10
Spstr50	Plastic Stirring Rod (13 cm)	50
Spstr100	Plastic Stirring Rod (13 cm)	100
Spclb1	Cleaning Brush	1
Spclb10	Cleaning Brush	10
Spclb50	Cleaning Brush	50
PLSp-Filtad1	Filteradapter for „PLSp-InjFil-1“ Luer lock syringe and 25 mm filter papers	1
PLSp-FiltGFC	25 mm GF/C filter papers Plastic can with 50 filter papers	1
PLSp-InjFil1	Luer lock syringe (20 ml) for filter holder	1
Spinj01	1 ml syringe	1
spinj01-10	Set of 10 x 1 ml syringe	10
spinj01-50	Set of 50 x 1 ml syringe	50
spinj01-109	Set of 100 x 1 ml syringe	100
SPInj03	3 ml syringe	1
spinj03-10	Set of 10 x 3 ml syringe	10
spinj03-50	Set of 50 x 3 ml syringe	50
spinj03-100	Set of 100 x 3 ml syringe	100
SPInj1	10 ml plastic syringe	1
spinj1-10	Set of 10 x 10 ml syringe	10
spinj1-50	Set of 10 x 10 ml syringe	50
spinj1-100	Set of 10 x 10 ml syringe	100
SVZdev100	100 ml shaker/dilution tube	1







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