

# Palintest

Water Analysis Technologies

## Nitrate MR

Photometric test for Nitrate (medium range) in natural, drinking and waste water

**COLOUR CHANGE**

Colourless to Red

**RANGE:**

0 - 20 mg/L N

**TECHNICAL RESOURCE:**

Nitrate Test Method, Technical Information

**NOTES:**

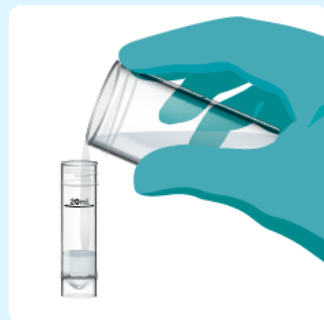
The test will also respond to nitrite but in normal situations nitrite levels will be very low compared to nitrate. To correct any effect a nitrite test can be carried out and the result as N subtracted from the nitrate result as N

01



Add 1 mL of sample to a Nitratetest tube.

02



Fill to the 20 mL line with deionised water.

03



Add a level spoonful of Nitratetest Powder.

04



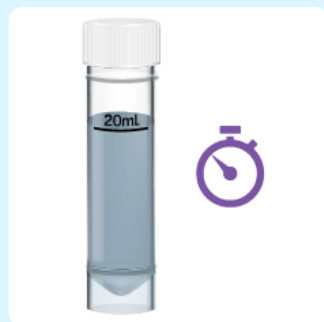
Add a Nitratetest Tablet. But, do not crush.

05



Replace screw cap and shake well for 1 minute.

06



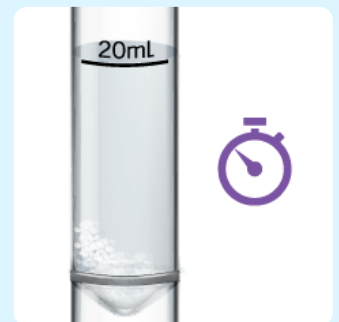
Allow tube to stand for 1 minute.

07



Gently invert tube, three times.

08



Stand tube for 3 minutes or until complete settlement.

Test continued on page 2



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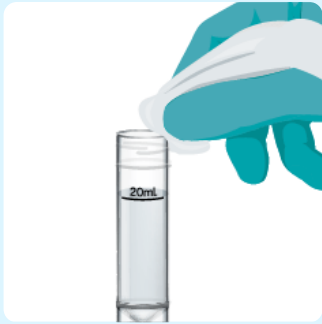
**TECHNICAL RESOURCE:**

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09



Remove cap and wipe rim to remove all traces of Nitratetest powder.

10



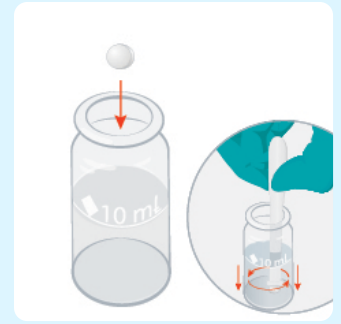
Carefully decant 10 mL of clear liquid in to a photometer tube.

11



Use this to "blank" the instrument. Place in cell holder and press Blank.

12



Then, add a Nitricol tablet and crush and stir.

13



Place in the cell holder and press Measure.

14



Allow timer to count down 10 minutes. Concentration of Nitrate will then be displayed.