

Palintest

Water Analysis Technologies

Nitrate LR

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

COLOUR CHANGE

Colourless to Red

RANGE:

0 - 1 mg/L N

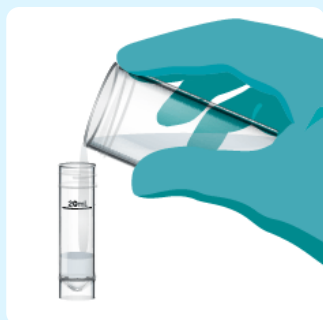
TECHNICAL RESOURCE:

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



Fill a nitrate test tube to the 20 mL line with sample.

02



Add a level spoonful of Nitrate Powder.

03



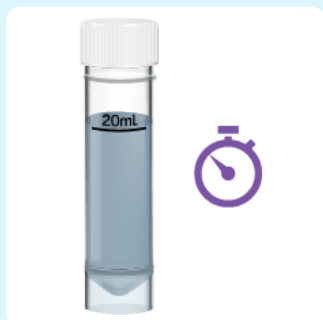
Add a Nitrate test Tablet. But, do not crush.

04



Replace screw cap and shake well for 1 minute.

05



Allow tube to stand for 1 minute.

06



Gently invert tube, three times.

07



Stand tube for 3 minutes or until complete settlement.

08



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

Test continued on page 2



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09



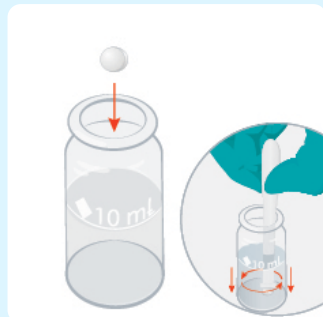
Carefully decant 10 mL of clear liquid in to a photometer tube.

10



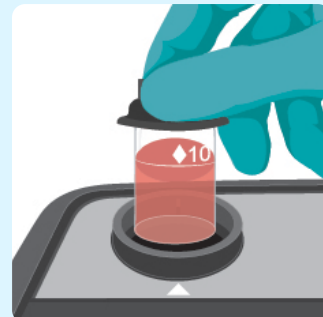
Use this to "blank" the instrument. Place in cell holder and press Blank.

11



Then, add a Nitricol tablet and crush and stir.

12



Place in the cell holder and press Measure.

13



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