

NB: This test method is not suitable for measuring nitrite in the presence of glycol - consult the laboratory.

Reagents and Equipment

Please use reagent pack **RGPK011** – includes:

Nitrite No. 1 Tablets – **AT005**

Nitrite No. 2 Tablets – **AT006**

Either 50 / 100ml Measuring cylinder and capped / lidded beaker/flask

Or Palintest capped sample container

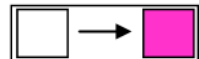
Method

1. Filter sample if necessary to obtain a clear solution.
2. Fill a measuring cylinder to the 10 ml mark with sample. Make up to the 50 ml mark using distilled water or tap water and decant to a suitable capped / lidded flask or beaker.
3. Add two Nitrite No 1 tablets, cap the container and shake until the tablets disintegrate.

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4. Add one Nitrite No 2 tablet, cap the container and shake until the tablet disintegrates.
5. Continue adding Nitrite No 2 tablets one at a time in this manner until a pink colour persists for approximately one minute.
6. Note the number of Nitrite No. 2 tablets used and calculate the results from the formula below :
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$$\text{Nitrite (Mg/l NaNO}_2\text{)} = \text{No of Tablets} \times 140$$



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