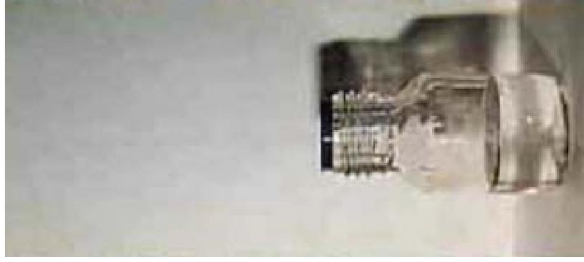


Boiler Plus Test Kit - P Alkalinity

Boiler Plus Test Kit - 777100

Reagent mPA1 - 777124 , Reagent mPA3 - 777125



1. Measure out 20mls of sample water.
2. Add 4 drops of reagent mPA1 to give a pink colour. (If no pink colour develops record P - Alkalinity as zero).
3. Add reagent mPA3 drop by drop whilst swirling the sample bottle. Count the number of drops required until the pink colour disappears.
4. P Alkalinity (ppm) = No. of drops x 40.
5. Retain Sample for chloride test.
6. Record the result on log sheet and/or Waterproof.

DROP TEST METHOD

Boiler Plus Test Kit - Chloride

Boiler Plus Test Kit -777100

Reagent mBC1 - 777050 , Reagent mBC2 - 777051



1. Continue with the sample from the P Alkalinity Test.
2. Add 4 drops of reagent mBC1 to give a yellow colour.
3. Add drops of reagent mBC2 whilst swirling the sample bottle until the yellow colour turns to orange/brown. Count the number of drops.
4. Chloride (ppm) = No. of drops x 20.
5. Record the result on log sheet and/or in Waterproof.

DROP TEST METHOD

Boiler Plus Test Kit - Nitrite

Boiler Plus Test Kit -777100

Reagent mN1 - 777121 , Reagent mN2 - 777122



1. Using plastic syringe measure out 2mls of sample into plastic tube.
2. Add 4 drops of reagent mN1 to give a red colour.
3. Add reagent mN2 drop-wise whilst swirling the sample bottle until a permanent blue/green colour is obtained. Count the number of drops.
4. Sodium Nitrite (ppm) = No. of drops x 75.
5. Nitrite (ppm) = No. drops x 50.
6. Record the result on log sheet and/or in Waterproof.

DROP TEST METHOD

Boiler Plus Test Kit - Tannin

Boiler Plus Test Kit – 777100

Reagent TN1 - 777101 , Reagent TN2 - 777102



1. Using the syringe provided, transfer 20mls of cooled boiler water to the test jar.
2. Add a heaped blade of reagent TN1 to the jar and swirl to dissolve. (ignore any undissolved reagent).
3. Add reagent TN2 one drop at a time with swirling until a permanent pink colour lasting at lease 10 seconds in obtained in the test sample. Count the number of drops used.
4. Tannin (ppm) = No. Drops TN2 X 10
5. Record the result on log sheet and/or in Waterproof.

pH Condensate

1. Fill the plastic tube to 10 ml mark.
2. Add 4 drops of Universal pH reagent.
Replace the cap and shake gently to mix.
3. Note the colour produced against the colour chart provided and record the pH as the value closest to the matching colour.
4. Record the result on log sheet and/or in Waterproof.

