

Spectrapak 311- Phosphate

Spectrapak 311 –739482, Phosphate Tablets –555649



Take the comparator with the 10 ml cells provided.	Slide the phosphate disc into the comparator	Filter the water sample into both cells up to the 10 ml mark.	Place one cell in the left hand compartment	To the other cell add 1 phosphate tablet, crush and mix until completely dissolved.	After 10 minutes place this cell into the right hand compartment of the comparator.	Hold the comparator towards a light.	Rotate the disc until a colour match is obtained.
Record the result as ppm PO₄ in Waterproof or your customised result logging system.							

Spectrapak 311- P. Alkalinity

Spectrapak 311 – 739482, P. Alkalinity – 555664



Take a 200 ml water sample in the stoppered bottle provided.

Add 1 P. Alkalinity tablet and shake to disintegrate. If P.-Alkalinity is present the sample will turn blue.

Repeat tablet addition, one at the time (giving time for the tablet to dissolve), until the blue colour changes to permanent yellow.

Calculation:

$\text{P. Alkalinity (CaCO}_3\text{)(ppm)} = (\text{number of tablets used} \times 20) - 10$

Example:

If 8 tablets are used. $\text{P. Alkalinity} = (8 \times 20) - 10 = 150 \text{ ppm}$

Record the result as ppm CaCO₃ in Waterproof or your customised result logging system.

Spectrapak 311 – pH

Spectrapak 311 – 739482, pH pack (2 ranges) – 555706

7.5 – 14 for boiler water and 6.5 – 10 for condensate water



Take a 50 ml sample of water to be tested in the plastic sample container provided.

Using the white 0,6 grams scoop provided, add one measure of the pH reagent to the water sample, allow to dissolve – stir if required

Select the correct range of pH test strip and dip it into the water sample for 1 minute

Withdraw the strip from the sample and compare the colour obtained with the colour scale on the pH indicator strips container.

Record the result in Waterproof or your customised result logging system.