

Palintest

Water Analysis Technologies

Phosphorous, Total/12

Photometric test for Total Phosphorous in natural water and wastewater

COLOUR CHANGE

Colourless to Blue

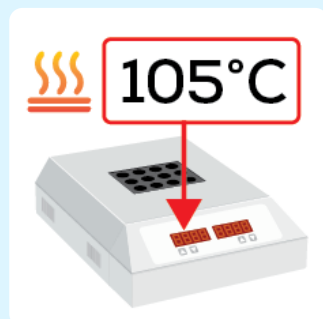
RANGE:

0 - 12 mg/L P

TECHNICAL RESOURCE:

Phosphorous, Total/12 Test Method, Technical Information

01



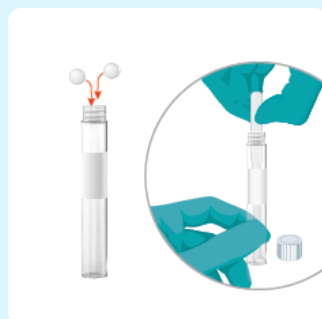
Turn on heater block and set temperature to 105°C. Note: Timer may need setting above zero for warm up to start.

02



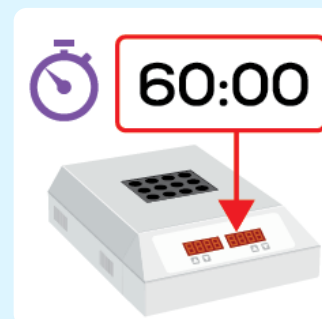
Add 2 mL of sample to a Tubetest.

03



Add two Digest Ox tablets and crush and stir.

04



Set timer on heater block to 60 minutes.

05



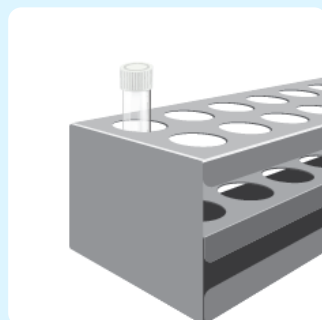
Place the tube in the heating block.

06



Ensure safety screen is in position and allow digestion to take place for 60 minutes.

07



Carefully remove tube and place in a rack to cool.

08



Fit the Tubetest adapter to Lumiso. Then, place an unused Total Phosphorous Tubetest in cell holder and press Blank.

Test continued on page 2



Phosphorous, Total/12

Photometric test for Total Phosphorous in natural water and wastewater

COLOUR CHANGE

Colourless to Blue

RANGE:

0 - 12 mg/L P

TECHNICAL RESOURCE:

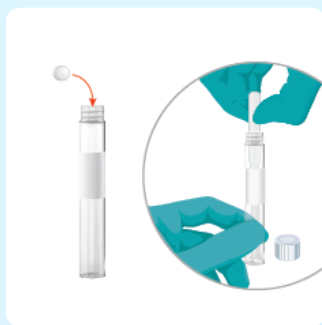
Phosphorous, Total/12 Test Method, Technical Information

09



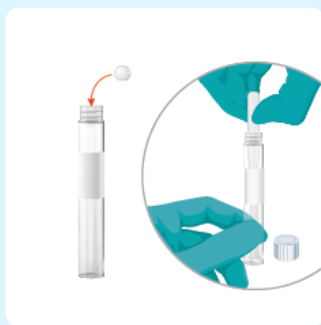
Removed the digested tube from the rack and add 2 mL of PhosNeut Solution.

10



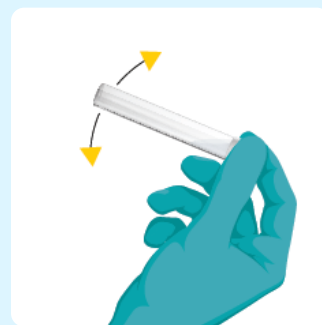
Continue with the same tube by adding a Tubetest Phos No1 tablet. Crush and stir, until fully dissolved.

11



Then, add a Tubetest Phos No2 tablet and crush and stir.

12



Ensure cap is tight, then invert tube a few times to mix.

13



Place in the cell holder and press Measure.

14



Allow timer to count down 10 minutes. The concentration of Total Phosphorous will then be displayed