

Hydrogen Peroxide High Range Test Kit

For testing peroxide levels in water

**What: Hydrogen Peroxide High Range Test Kit**

Where: Water samples. This kit is specifically designed to measure levels of hydrogen peroxide between 20-5000ppm; so it's ultra-sensitive.

When: It can be used during normal disinfections, or disinfections resulting in far higher levels of hydrogen peroxide.

Why: This test kit gives you a more accurate reading.

How:

Step 1) Take a sample according to the anticipated range.

Titrant Used		
Anticipated Range of Hydrogen Peroxide (ppm)	Sample Size (ml)	Sample Size (SS) Factor
20-250	20	10
40-500	10	20
80-1000	*5	40
400-5000	*1	200

*samples of less than 10ml, need to be made up to 10ml with distilled water

Step 2) Add 25 drops of HP1 and swirl to mix.

Step 3) Add drops of HP2 whilst swirling. Count the number of HP2 drops added in order to make the mixture turn pink.

Step 4) Make sure the pink colour remains for 30 seconds. If not, add more drops of HP2.

Step 5) Multiply the number of drops of HP2 added to the sample, by the sample size (SS) factor.

$$\text{Hydrogen Peroxide (H}_2\text{O}_2\text{) (mg/l) = Number of drops x SS factor}$$