

## AHP500 - AHP Hydrogen Peroxide Indicator Strips

500-5000 ppm (Part # AHP500)

For use with Accel Concentrate Surface Disinfectant (4.25% AHP)

### Description

Accelerated Hydrogen Peroxide® (AHP®) Indicator Test Strips are easy to use dip-and-read reagent strips for semi-quantitative determination of hydrogen peroxide concentration in AHP disinfectant solutions for variety of applications.

### Principle of the Test

Reaction of the AHP Test is based on a proprietary coupling system where the AHP reacts with an iodide salt and a coupler to form a brown colored complex.

### Directions for Use

Set a timer for 120 seconds (2 minutes). Dip the strip into the test solution for one second, making sure that the reagent pad is fully wet. Gently shake off the excess solution. Start the timer and wait for the time to run out. Then immediately compare the color on the reagent pad with the reference color block. If the color on the reagent pad falls between two color blocks, extrapolate the results to determine if the proper dilution was achieved.



The following table provides an easy comparison of the dilution rates for Accel Concentrate to parts per million (ppm).

| Product Concentration & Dilution Rate         | Application  | Calculation of PPM |
|---|--------------|--------------------|
| Accel Concentrate (4.25%) AHP diluted at 1:16 | Disinfectant | 2650 ppm           |
| Accel Concentrate (4.25%) AHP diluted at 1:64 | *Virucidal   | 680 ppm            |

*For more dilutions, please contact Virox Technologies Inc.*

1:16



1:64



### Storage

Store the AHP Indicator Strips at room temperature between 59°F and 86°F (15°C and 30°C). Do not expose to direct sunlight.

### Important Precautions

Keep the strip in the original container. Remove only the required strip before testing and immediately replace the cap tightly. Exposure of the uncovered strip to light and moisture may cause discoloration of the strip. Do not use the strip after the expiration date (opened or unopened). Do not touch the reagent pad with finger or any other surface. Once opened the test kits have a shelf life of 6 months. Unopened test kits have an 24 month shelf life.

### Product Availability

AHP Indicator Strips are packaged with 100 strips in a bottle, six (6) bottles in a package. Reference. Part Number AHP500 when ordering.