

CERTIFICATION OF CONFORMANCE

Product Code: PPX02V100

Product Description: Peroxide Test Strips, 0 100 ppm, 100 Strips/Vial

Lot Number: As Stated | Expiration Date: As Stated

The peroxide test strips consist of a chemically treated cellulose test pad (5mm²) adhered to a vinyl plastic backing. The paper is treated with a chemical mixture consisting of an enzyme specific for peroxide, an indicator dye suitable for the range required, and various other chemicals — buffers, surfactants, etc.

Prior to release for sale, each lot of test strips is tested both for precision and accuracy. A verified color chart is used to evaluate the lot.

Precision Testing

- ° 10 strips from each lot are tested simultaneously in a peroxide standard which has been verified using a secondary test kit method.
- Strips are evaluated on a pass/fail basis.
- All 10 strips must pass (little or no variation in color) for the lot to be acceptable.

Accuracy Testing

- Peroxide standards are prepared by serial dilution of ACS grade 30% peroxide.
- Standards are prepared at values of 1, 3, 10, 30, and 100 ppm
- Each standard is verified using a secondary test kit method. Following the label instruction, test strips are tested using each standard with results determined by comparing the color developed by the strip against an approved color chart.
- Test strips are accepted if the color developed for the standard being evaluated visually falls within +/- 1/2 color unit.

<u>Standard Value (ppm)</u>	<u>Acceptable Range (+/- 1/2 color unit)</u>
100	65-100+
30	20-65
10	7-20
3	2-7
1	0-2



1/1/2026

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