



Bartovation LLC.
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Certificate of Conformance

Product Code: PPX03V100

Product Description: Peroxide Test Strips, 0-400 ppm

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 0, 100, 200, and 400 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 +/- ½ color unit.

Standard Value (ppm)	Acceptable Range (+/- ½ color unit)
400	300-400+
200	150-300
100	50-150
0	0-50

This lot was tested and found to meet specifications. It is released for sale.

Scott Bartman Date: 1/17/2022

Scott Bartman

Owner | Bartovation LLC.