

CERTIFICATION OF CONFORMANCE

Product Code: PPX01V50

Product Description: Peroxide 2-10% Test Strips, 50 Strips/Vial

Lot Number: As stated Expiration Date: Two years from date of manufacture

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 indicator for detecting peroxide and various other chemicals – buffers, surfactants, etc.

Prior to release for sale, each lot of test strips is tested both for precision and accuracy.

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 10%, 5%, 3%, and 2%.
- Following the label instruction, test strips are tested using each standard. The reaction time is recorded. The reaction times listed on the label are adjusted accordingly.

Results for Lot 150316 (as an example only). Each lot is individually tested.

<u>Standard Value (%)</u>	<u>Reaction Time Range</u>
10	2-3 seconds
5	10-15 seconds
3	30-40 seconds
2	60-75 seconds

Scott Bartman

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