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## CERTIFICATION OF ANALYSIS

Product Code: [33808-500](#)

Product Description: Chlorine Dioxide Test Strips 0-500ppm

Each Lot of test strips is tested both for precision and accuracy.

### Precision Testing

- 10 strips from each lot are tested simultaneously in a chlorine dioxide standard which has been verified using a calibrated colorimeter test 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

- Chlorine Dioxide standards are prepared.
- Standards are prepared at values of 10, 25, 50, 100, 250, and 500 ppm.
- Each standard is verified by a calibrated colorimeter test 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.

<u>Standard Value (ppm)</u>	<u>Acceptable Range (+/- ½ color unit)</u>
500	375-500+
250	150-375
100	75-150
50	35-75
25	15-35
10	5-15
0	0-5

The test strips are guaranteed to perform to specification for a minimum of 3 years from the date of manufacture (lot) date provided the test strips are stored in the original container and kept in a cool, dry environment out of direct sunlight.