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## CERTIFICATION OF ANALYSIS

Product Code: [33808-10](#)

Product Description: Chlorine Dioxide Low Range Test Strips 0-10ppm

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 0.50, 1, 3, 5 and 10 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>
10	7.5-10.0+
5	4.0-7.5
3	2.0-4.0
1	0.75-2.0
0.5	0-0.75

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.