



169 Lexington Court, Unit i
Waterloo, ON Canada, N2J 4R9
Toll Free: (877) 746-4764
Local: (519) 746-4761
Email: info@indigoinstruments.com

CERTIFICATION OF ANALYSIS

Product Code: [33815-300](#)

Product Description: Chlorine Test Strips 0-300ppm

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 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 standards are prepared by serial dilution of a sodium hypochlorite stock solution.
- Standards are prepared at values of 25, 50, 100, 200, and 300 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>
300	250-300+
200	150-250
100	75-150
50	37.5-75
25	12.5-37.5
0	0-12.5

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.