



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

## CERTIFICATION OF ANALYSIS

Product Code: [33815-I](#)

Product Description: Iodine Test Strips, 0-50 ppm, 100 Strips/Vial

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

### Precision Testing

- 10 strips from each lot are tested simultaneously in a Iodine 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

- iodine standards are prepared by serial dilution of a Iodine stock solution.
- Standards are prepared at values of 0, 12.5 25, 50 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.

<u>Standard Value (ppm)</u>	<u>Acceptable Range (+/- ½ color unit)</u>
50	35-50+
25	17.5-35
12.5	6-17.5
0	0-6

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.