

## **CERTIFICATION OF ANALYSIS**

Product Code: 33819-1500

Product Description: Quick Response QAC Test Strips, 0-1500ppm

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

## Precision Testing

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

- QAC standards are prepared by serial dilution of a QAC stock solution.
- Standards are prepared at values of 0, 200, 400, 750, 1000, and 1500 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.

Standard Value (ppm)	<u>Acceptable Range (+/- ½ color unit)</u>
1500	1250-1500+
1000	875-1250
750	575-875
400	300-575
200	100-300
0	0-100

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.