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## CERTIFICATE OF CONFORMANCE

Product Code: PCD11V50

Product Description: Chlorine Dioxide Test Strips, 0-10 ppm

Lot Number: As Stated

Expiration Date: 2 years from date of manufacture

Each lot of test strips is tested both for precision and accuracy. Standards are prepared from chlorine stock solution.

### Precision Testing

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

- Chlorine standards are prepared by serial dilution of a chlorine stock solution.
- Standards representing chlorine dioxide values of 0.25, 0.5, 1, 3, 5 and 10 ppm.
- 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+                                    |
| 5                           | 4-7.5                                      |
| 3                           | 2-4  |
| 1                           | .75-2                                      |
| 0.5                         | .375-.75                                   |
| 0.25                        | .125-.375                                  |
| 0                           | 0-.125                                     |

*Scott Bartman* 12/6/23  
Scott Bartman  
Owner | Bartovation LLC.