

UNDERSTANDING YOUR TEST REPORT

FEEL PROUD OF YOUR PASSING RESULTS

It takes a practice that is committed to a high standard of care to be consistent in their compliance procedures and this test shows your team is well on its way. It's important to continue in consistent waterline maintenance and to test all of your waterlines regularly - each line creates its own unique environment for growth depending on its function, frequency of use, and line construction. Untreated and unchecked water can quickly grow bacteria - it only takes 5 days for biofilm to grow to 200,000 CFU/mL¹.

Make sure you understand your results. Read the explanations below, take the necessary steps suggested based on your microbial count and safety level, and continue shocking, treating, and testing your lines. *Our team is always here to help.* If you have any questions about your results or the best practices for DUWL maintenance, call or visit our website today.

ASPECTS OF THE REPORT

Microbial Count (CFU/mL)

In the water lab results section of your report, you can see the official microbial count in Colony Forming Units per milliliter (CFU/mL). A CFU is the direct microscopic cell count of viable bacterial cells. The lower the amount, the safer your water.

Waterline Results

The results are measured against the CDC and ADA standard for safe dental water: less than or equal to (\leq) 500 CFU/mL. If your microbial count is 501 CFU/mL or greater, your line will receive a *Fail*. If it is 500 or below, the CDC classifies this level as acceptable for patient care and your line receives a *Pass*.

Safety Level & Next Steps

Our lab uses a three-level system to help your team understand the level of attention needed for each line based on your microbial count results.

- ✔ : 0-200 CFU/mL - Continue to regularly treat and monitor your water quality.▶
- ⓘ : 200 - 500 CFU/mL - In this range, your water is passing, but understand that bacteria can quickly multiply. We recommend shocking within one week and continuing you regular treatment and testing.
- ✘ : 501 or Above CFU/mL - These lines contain an unsafe level of bacteria that could potentially do harm to patients. Lines should be immediately shocked and retested as soon as possible. Continue to treat with a low-level antimicrobial product and contact ProEdge for assistance.

NOTE: If your source water fails, contact our team to help determine the best possible solution.

TESTING ACCURACY

ProEdge Dental Water Labs is the most experienced dental water lab in the world. We utilize state of the art laboratory technology and proven scientific methods to ensure your test is completely reliable. Our test includes 3rd-party validated neutralization methods for precise microbial counts (learn more at ProEdgeDental.com/Neutralization) and multiple tests per sample to cross-check each sample's accuracy. All results must be reviewed and certified by multiple laboratory professionals and remain 100% confidential.

¹Barbeau J, Tanguay R, Faucher E, Avezard C, Trudel L, Cote L, Prevost AP. Multiparametric analysis of waterline contamination in dental units. Appl Environ Microbiol 1996;62:3954-9.

Pass or Fail is based on the CDC Standard of ≤ 500 CFU/mL

The actual number of viable bacterial cells per mL in the water.

Our 3-level safety scale helps identify the next steps after your test.

| Water Lab Results | | |
|--------------------------|------------------|---------------|
| Microbial Count (CFU/mL) | Waterline Result | *Safety Level |
| 0 | PASS | ✔ |
| 50 | PASS | ✔ |
| 350 | PASS | ⓘ |
| QNS | - | - |
| 12000 | FAIL | ✘ |
| TNTC | FAIL | ✘ |

QNS = Quantity Not Sufficient. Not enough water was included in the sample to test.

While 200-500 CFU/mL is passing, this range indicates the need to shock to ensure regular treatment remains effective & counts do not increase.

[Example Results Only]

TNTC = Too Numerous to Count. Shock immediately, review procedures, and retest.

A checked red box indicates an immediate shock and retest is necessary

