What Do You Need?

1. **Validation You Can Trust**
   Can you compare Aspergillus Niger and Adenovirus? They’re totally different “animals”, both in size and resistivity, and their correlation has not yet been proven – ask your QA or Microbiology professionals. In fact Aspergillus Niger validity as an Adenovirus surrogate is suspect, with little chance of it ever being recognized. Scientists have shown that broad swings in Aspergillus’s adaptive behavior make it untrustworthy as a surrogate.

2. **Control & Monitoring**
   Sustained microbial inactivation requires a high UV dose and accurate control & monitoring. Only a dedicated sensor per lamp for real time UV measurement, monitoring & tracking software, and real time water transmittance and flow measurements can do the job over time.

3. **A Field-Proven Solution**
   Field-proven and credited providing RED dose for real protection.

**Atlantium is the ONLY system in the market today that gives them all!**

Atlantium has 4-log adenovirus validation using real adenovirus.
The validation is scientifically verified with peer reviews.

**VS**
Others have claimed validation using Aspergillus Niger, which has never been peer reviewed or scientifically evaluated as a trustworthy surrogate for Adenovirus.
Aspergillus Niger is 50 times larger than Adenovirus. Using it to prove efficacy against hard-to-penetrates virus like adenovirus is like comparing a soccer ball to a golf ball.

**Which one is the easier target?**

Atlantium has two sensors per lamp
**VS**
The competition has only one sensor for several lamps

**What if the lamp degrades?**
UV lamps degrade with time. An Atlantium system automatically compensates: the UV dose is maintained by adjusting the actual lamp output. With the competitor’s system, you'll never know if you're getting the right dose.
Others claim to use less power consumption with their Low Pressure systems.

Atlantium brings you the first Medium Pressure system that doesn’t consume more power than a low pressure system for such applications, because our all-quartz unit leverages fiber optic principles to optimize efficiency.

And maintaining an Atlantium system is more cost-effective and efficient thanks to user-friendly design with fewer lamps, easy lamp replacement and real-time monitoring & control.

If you think it’s too good to be true, we’ll show you the figures.

Why Atlantium is Leading the Way

Atlantium is the first UV system in the market with:

- Compliance with FDA/PMO criteria for Pasteurized Equivalent Water and Water Disinfection
- New York State credit for 4-log virus disinfection for safe drinking water
- Coca Cola Authorization worldwide
- AWWA Best Paper for 2010 - demonstrating 4 log adenovirus inactivation in a Medium Pressure UV disinfection system

Atlantium - the solution you can trust.