



THE ECONOMICS OF
MAINTAINING YOUR
WATER SYSTEM



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Within the highly controlled testing and manufacturing laboratories space, there is a fundamental need for USP purified water. This need for USP standard water in the lab is imperative, which has led some companies to invest in their own purified water systems. While it is likely that pharmaceutical, biotech, ethanol, agrichemical or food manufacturing executives do not think about the day-to-day management and support of internal water purification systems, their lab managers, quality assurance managers and scientists understand both the need for USP water as well as the expense of maintaining a high-quality internal water system.

The repercussions of your lab's delivered water being impacted by insufficient maintenance of your water system or breakdowns are costly. It begs the question, should you consider outsourcing your operation's primary water needs—or in the very least, your secondary water needs in the event of a system shutdown?

Now consider the life of an internal USP water purification system

What is the lifecycle of your water system? Look at the maintenance costs over time, and what plans you have in place should the system experience a shut down.

- What are the initial capital costs of your water system as well as the ongoing operational costs?
- What is the expected lifetime of your system?
- In addition to these costs, are you accounting for potential (even inevitable) system shutdowns?

Not every laboratory or company can handle all the work required for the upkeep of quality water systems. Even a company trying to process orders may need to outsource if its demand increases to a level where the assistance can be crucial. Company executives are making that choice everyday because studies show that there are more and more industries that work with USP water and dissolution media who are choosing to outsource.

How will your laboratory continue production in the event of a water system shutdown?

Chata can bridge these manufacturing gaps as a primary or secondary supplier of USP purified water and other packaged solutions. Shutdowns due to maintenance issues (especially water systems) are a common theme among manufacturing companies.

Outsourcing your USP purified water offsets the burdens of system maintenance and compliance

Your company's labs are in the business of manufacturing and production as it relates to your products. Chata has over a decade of experience providing dissolution media and USP purified water that can meet regulatory scrutiny thereby lifting the burden of regulatory compliance for its customers. The same is true when you choose to outsource your USP purified water. Chata upholds regulatory standards in terms of its:

- Traceability
- Stability testing
- Expiration dating
- cGMP documentation

Companies that outsource the maintenance of their internal water systems can reduce labor costs, and any interference with the regular day-to-day business operations, simply by outsourcing their water needs entirely and allowing a third party to be their primary source of USP purified water