



Pharmaceutical Success Story

IFTTS is an independent centre with world-recognized expertise and unique facilities to measure all characteristics of all types of liquid filters

How do smart pharmaceutical manufacturers save tens of thousands of dollars per year with minimal validation risk?

Pharmaceutical Grade Water is often fed from a centralized water treatment system. Typically "Nominal Rated" Low Micron Pre-filters are used to protect Reverse Osmosis, Ultra-Filtration and Micro-Filtration Membranes. Not all pleated and meltblown pre-filter cartridges perform the same. Since these filters are outside the formal validation process, testing allows smart manufacturers a way to better control their water system QUALITY, increase UPTIME and reduce OPERATING COSTS.

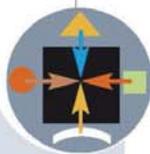
The client contracted IFTTS to compare their existing cartridge to 4 others having similar manufacturer ratings and claims. Five cartridges of each manufacturer were tested. Tests for micron efficiency, dirt holding capacity and flow versus Differential Pressure were conducted. Statistically significant results unveiled a certain DP point where the line pressure causes cartridge contamination unloading.

Keeping the DP below this point enhances membrane life and maintains a more stable system. In addition, one of the comparison cartridges was shown to be of higher quality at only 50% of the original cartridge cost. Savings were > \$20,000.00 per year.

IFTTS uses rigorous test equipment and validation processes resulting in:

- Stability of operating parameters
- Real world settings in a test for a more reliable product for application.

Maybe that's why NIST chose IFTTS as its only supplier of SRM2806 test fluid for the calibration of Automatic Particle Counters.



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