

Responding to Contamination Control With Disposable Funnels

The pharmaceutical microbiology market requires reliable and accurate results as a basis for quality control of raw materials, processes, and finished product. Critical decisions are made daily and confidence in results, as well as methods to control contamination during sampling and analysis, is a driving force in this market. A false positive on a test result can trigger a series of events that lead to unnecessary retesting, product release delays, and extensive paperwork to document a course of action. This all leads to increased operating costs.

One way Pall Life Sciences has responded to contamination control is by broadening our range of disposable filter funnels with designs to help improve the sampling process. Whether the need is bioburden analysis, sterility testing, or water system monitoring, we have a MicroFunnel™ filter funnel to suit the application. Certified MicroFunnel disposable filter funnels are individually bagged, labeled, and ready to use. Each lot is evaluated for recovery performance. The standard selection of MicroFunnel filter funnels is ideal for any bioburden analysis.



MicroFunnel Plus filter funnels streamline QC testing.

Simple, Versatile Contamination Control

MicroFunnel Plus filter funnels are the only disposable filter funnels on the market that can serve as a sample cup and filter funnel in one product. This unique design further streamlines sample collection and analysis of purified water systems while providing more protection to the integrity of the sample. This is a critical consideration for any contamination control program. Another important distinction of the MicroFunnel Plus filter funnel is its ability to sample water from systems maintained up to 90 °C.

The MicroFunnel ST filter funnel is packaged for ease of use when performing sterility testing within an isolator. Designed to be an acceptable sterility testing alternative and to reduce testing costs, the MicroFunnel ST filter funnel meets critical conditions of sterility testing and all requirements found in the U.S. Pharmacopeia, current edition.

MicroFunnel Filter Funnels Demonstrate High Recovery of Test Organisms

	Test organism: <i>Escherichia coli</i> ATCC 11229	
	% recovery incubated in base using TSB broth, 5 test units	% recovery incubated by removing to MF-Endo broth, 5 test units
PN 4800 (GN-6 Metrical® membrane, 0.45 µm, white, gridded)		
Lot 1048L	98%	96%
Lot 1382L	98%	94%
Lot 1878L	94%	98%
	Test organism: <i>Pseudomonas aeruginosa</i> ATCC 14207	
	% recovery incubated in base using TSB broth, 5 test units	% recovery incubated by removing to <i>Pseudomonas</i> broth, 5 test units
PN 4803 (Supor® membrane, 0.2 µm, white, gridded)		
Lot 1305L	97%	91%
Lot 1443L	97%	97%
Lot 1179M	96%	101%
	Test organism: <i>Saccharomyces cerevisiae</i> ATCC 4117	
	% recovery incubated in base using M-Green YM broth, 5 test units	% recovery incubated by removing to M-Green YM broth, 5 test units
PN 4805 (Metrical Black membrane, 0.45 µm, gridded)		
Lot 1197M	96%	101%
Lot 1626M	100%	97%
Lot 1933M	100%	103%