



MG Scientific - September HPLC Workflow Showcase



High Performance Liquid Chromatography (HPLC) has become one of the most widely used tools in laboratories today. Commonly used in applications such as Pharmaceutical, Food, Environmental, and Forensics, the widespread application has also created demand for a wide variety of laboratory products designed uniquely to support HPLC driven research. MG Scientific offers products to support all stages of HPLC analysis from sample preparation to waste management. We encourage you to explore our wide range of HPLC products and have showcased a few below. Contact us at any time to discuss your HPLC related needs.

Sample Filtration

Sartobind Process-Ready Membrane Adsorbers



Ready-to-use units in a syringe filter format.

Globe Non-sterile Syringe Filters



DWK ULTRA-WARE Filtration Caps



Waste Disposal

Foxx Life Sciences Solvent Disposal System



EZWaste Safety Vent Replacement Fittings Kit - 1/8" OD and 1/4" Fittings.

Foxx Life PUREGRIP Solvent Reservoir



Kimble ULTRA-WARE Graduated Reservoir Bottle



Sample Analysis

Hamilton PRP-1 Stainless Steel Column



Hamilton PRP-X100 Cation Exchange Column



Hamilton PRP-X100 Anion Exchange Column



Cytiva Whatman - Mini-UniPrep G2 Syringeless Filters

Compatible with auto-samplers that accommodate standard 12mm x 32mm vials. Borosilicate glass.



Chromatography Solvents

CHROMASOLV, HPLC, Solvents for Residual Solvent Analysis

FACT miscellaneous

One of the most interesting uses for HPLC is the determination of a pepper's spice level using the Scoville Scale. Invented in 1912 by pharmacologist Wilbur Scoville, this process measures the concentration of dried and extracted capsaicinoids (the main component behind a pepper's kick) against a dilution of acetonitrile. This result in parts per million is multiplied by 16 to determine a pepper's Scoville rating.



Search on-line to see what new and innovative products MG Scientific has for your lab or call MG Customer Service to see the many different solutions to fit your needs- 800.343.8338