



HIGH PERFORMANCE UNDER THE HIGHEST PRESSURES

Agilent InfinityLab Poroshell 120 1.9 μm Columns for UHPLC

Part of the
InfinityLab
family

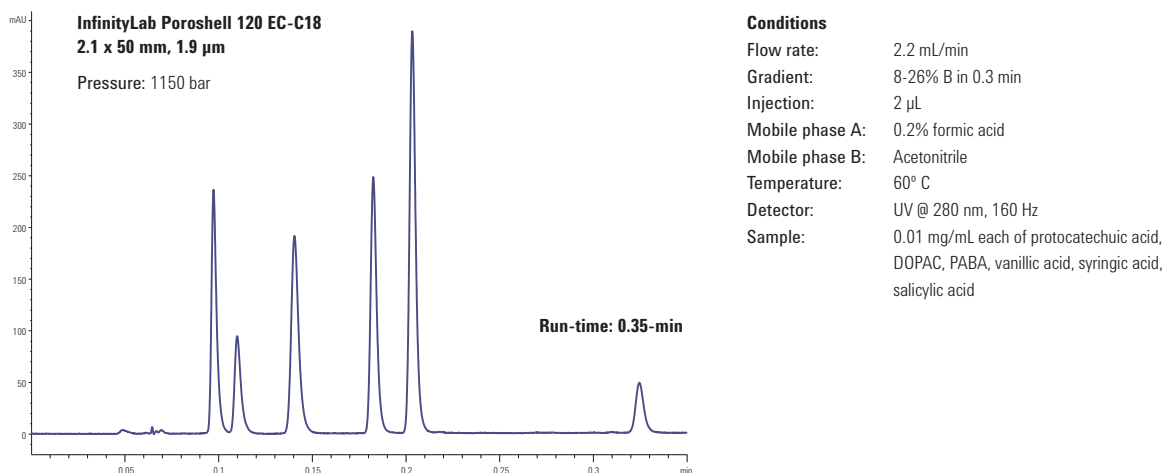


 **Agilent Technologies**

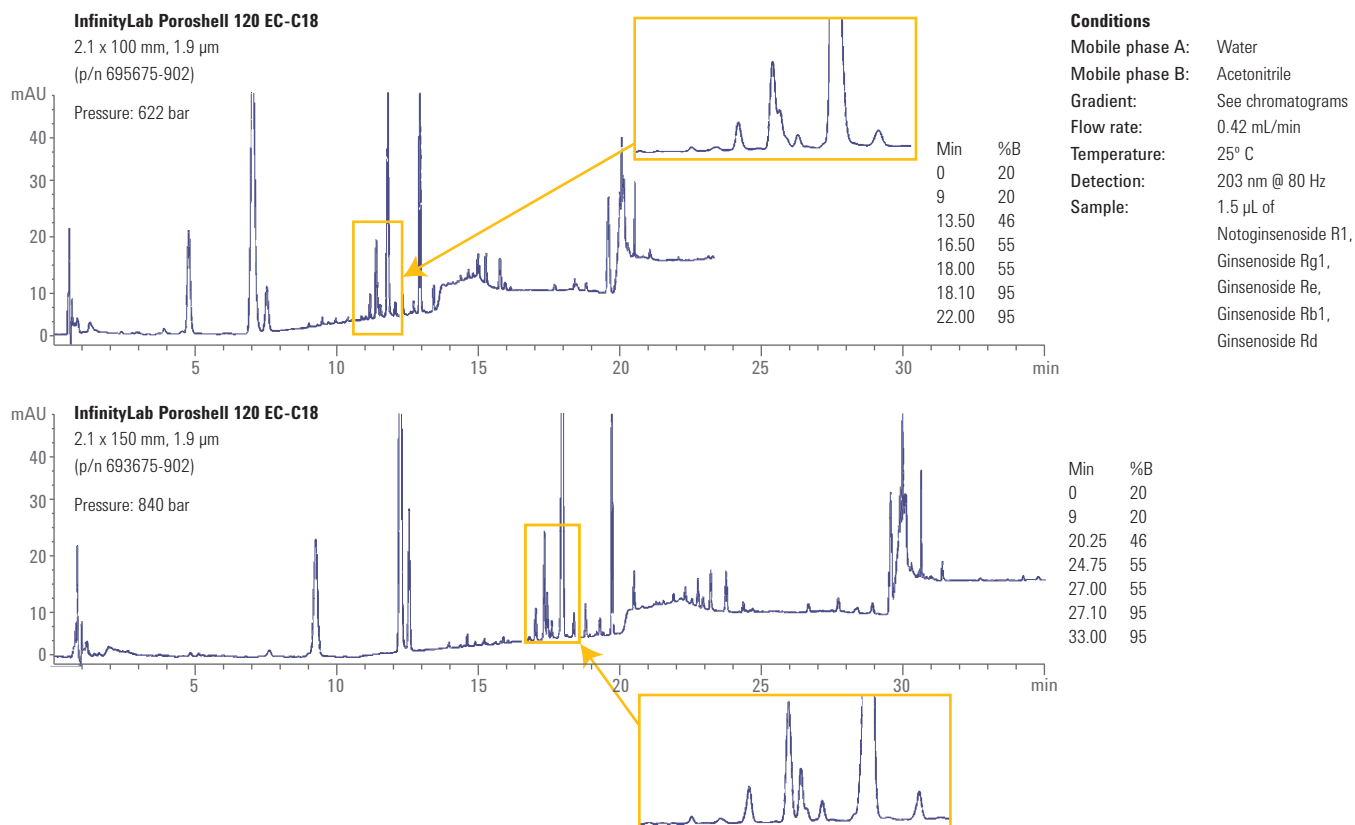
FINALLY—COLUMNS THAT LET YOU GET FULL VALUE FROM YOUR UHPLC

New Agilent InfinityLab Poroshell 120 1.9 μm columns provide a unique combination of high efficiency, manageable pressure, and long lifetime—allowing you to get full value from your UHPLC.

Ultra-fast separations increase productivity and decrease your cost per sample

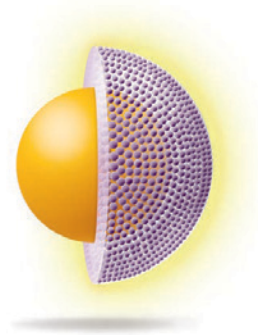


High resolution separations increase the accuracy and precision of analysis results—reducing the need for re-work



Stability for high-pH mobile phases

InfinityLab Poroshell HPH-C18 particles are made by chemically modifying the porous layer using proprietary technology that provides high-pH stability. That means you can use InfinityLab Poroshell 120 1.9 μm columns for all your fast LC method development needs—regardless of mobile phase pH.

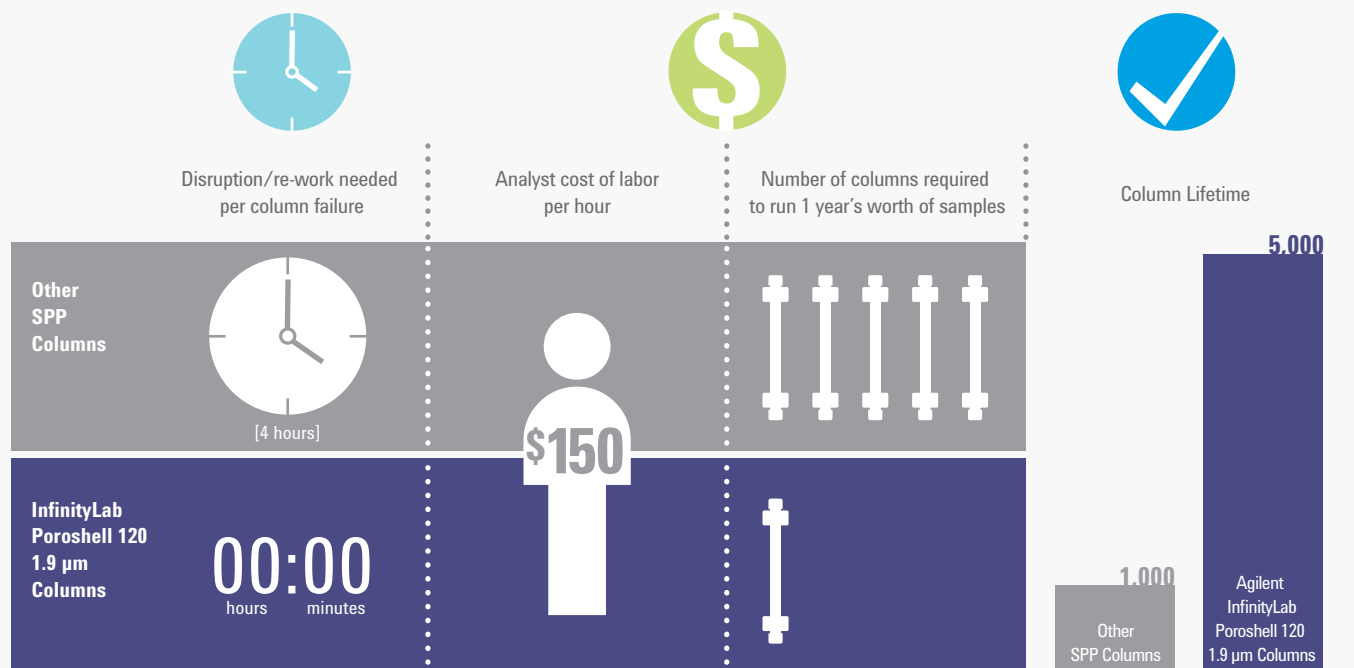


Rugged performance: Column lifetime test at 1000 bar

InfinityLab Poroshell 120 1.9 μm columns remain stable for 5,000 injections under high-pressure UHPLC conditions. That's at least five times longer than other superficially porous (SPP) columns.

A significant economic value for your lab

The long lifetime of InfinityLab Poroshell 120 1.9 μm columns not only minimizes column costs, but also reduces expensive disruption and re-work due to column failure.



A choice of particle sizes to suit your separations

InfinityLab Poroshell 120 columns are available in three different particle diameters. Choose the size that offers the best fit for your separation needs and the optimum compatibility with your LC instrumentation.

Particle size	Advantage
1.9 μm	Highest UHPLC performance
2.7 μm	Reliable UHPLC performance at lower pressures
4 μm	Improved HPLC performance

Ordering information

Best for	All around use			High pH mobile phases	Alternative selectivity	More polar compounds
Size (mm)	EC-C18	EC-C8	Phenyl-Hexyl	HPH-C18	PFP	HILIC
InfinityLab Poroshell 120 1.9 μm columns—highest UHPLC performance						
3.0 x 150	693675-302	693675-306	693675-312	693675-502	693675-308	693675-301
3.0 x 100	695675-302	695675-306	695675-312	695675-502	695675-308	695675-301
3.0 x 50	699675-302	699675-306	699675-312	699675-502	699675-308	699675-301
2.1 x 150	693675-902	693675-906	693675-912	693675-702	693675-408	693675-901
2.1 x 100	695675-902	695675-906	695675-912	695675-702	695675-408	695675-901
2.1 x 50	699675-902	699675-906	699675-912	699675-702	699675-408	699675-901
InfinityLab Poroshell 120 1.9 μm Fast Guards (3/μm)—extend column lifetime even further						
3.0 x 5	823750-940	823750-941	823750-943	823750-945	823750-942	823750-944
2.1 x 5	821725-940	821725-941	821725-943	821725-945	821725-942	821725-944

All InfinityLab Poroshell 120 1.9 μm columns are supplied with a pre-programmed Column ID
 Note: InfinityLab Poroshell 120 1.9 μm columns and Fast Guards are rated to a maximum pressure of 1300 bar

Learn more

www.agilent.com/chem/discoverporoshell

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Agilent InfinityLab is an optimized portfolio of LC instruments, columns, and supplies designed to work together in perfect harmony. Combined with Agilent OpenLAB software and Agilent CrossLab Services, Agilent InfinityLab provides you with end-to-end support to make every day more productive.

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