



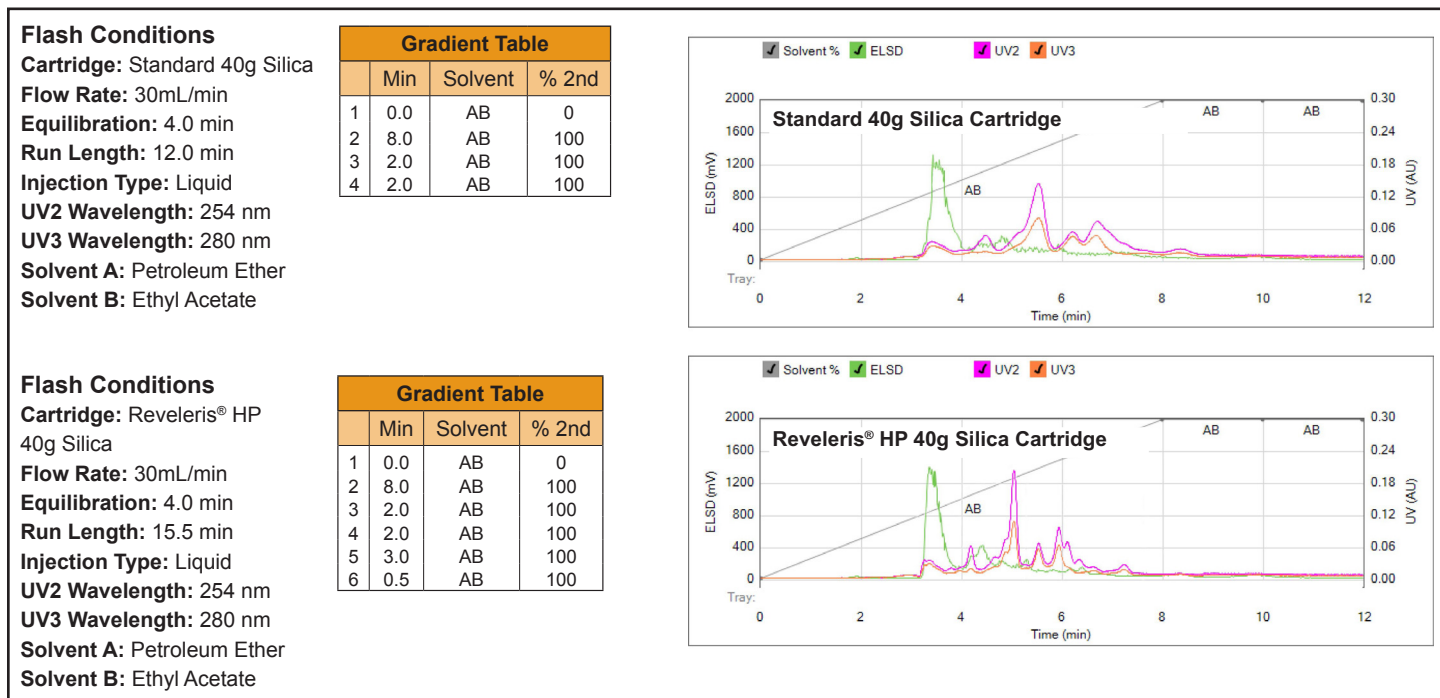
Reveleris[®] HP Flash Cartridges

Today, most traditional flash chromatography cartridges are packed with a 50µm, 60Å silica media. Grace[®] Reveleris[®] flash cartridges were developed with an improved 40µm, 60Å silica media specially optimized for flash. With further advances in flash chromatography instrumentation and the demands for better resolution of increasingly complex samples, Grace has combined our silica manufacturing expertise and flash innovation to develop the new high performance **Reveleris[®] HP Flash Cartridges**. The Reveleris[®] HP high performance flash cartridges contain a 20µm 60Å silica media for increased resolution with excellent loading capacity to meet the demands for better resolution on complex samples.

Benefits of the Reveleris[®] HP Flash Cartridges:

- Silica specifically developed for flash chromatography
- 20µm low fines particle size for increased resolution and low back pressure
- Ability to be used at optimum flow rates for maximum efficiency and resolution
- Ability to use higher flow rates to help minimize purification time and solvent usage
- Auto-recognition on Grace[®] Reveleris[®] flash chromatography systems

Comparison of Neem Oil 500mg Using a Standard Flash Cartridge and a Reveleris[®] HP Flash Cartridge



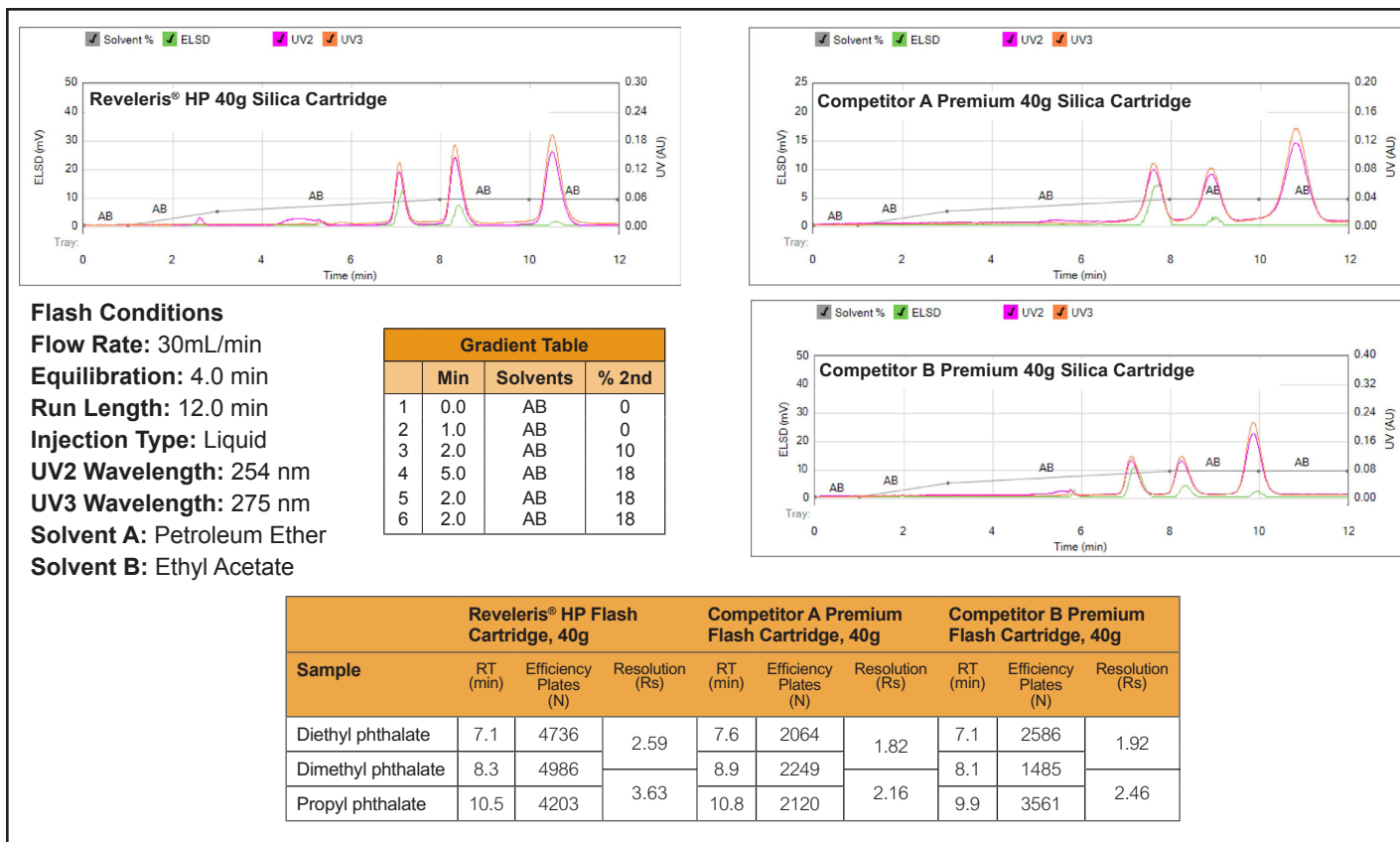
It can easily be seen in the purification chromatograms above that the Reveleris[®] HP flash cartridge offers greater resolution of components in the Neem Oil (a vegetable oil traditionally used in cosmetics and purified for used in pharmaceuticals and other uses). The means a greater fraction purity can be obtained, which minimizes the need for further purification or analysis.

Reveleris® HP Flash Cartridges help chemists to overcome separation challenges with complex samples, while achieving these valuable benefits:



- Improved retention and resolution of a wide range of compounds
- Increased durability to withstand higher pressures (up to 200psi)
- Ability to be used at optimal flow rates for highest efficiency and resolution
- Ability to be used with higher flow rates to help reduce time and cost savings
- Higher capacity for higher sample loads
- Tight particle size distribution and minimal fines for low back pressure
- Auto-recognition tagging simplifies instrument operations by pre filling method parameters

Comparison of Phthalate Mixture 50mg each Using High Performance Flash Cartridges



The purification chromatograms of the 3 phthalate mix and the calculated data clearly show the Reveleris® HP flash cartridges offer superior performance with greater efficiency and resolution, when compared with other competitive premium cartridges. Reveleris® HP flash cartridges allow you to achieve greater fraction purity, resulting in better resolution from more complex samples.

Reveleris® HP Flash Cartridges		
Description	Qty	Part No.
Reveleris® HP 4g Cartridge	20/pkg	5170200
Reveleris® HP 12g Cartridge	20/pkg	5170201
Reveleris® HP 24g Cartridge	15/pkg	5170202
Reveleris® HP 40g Cartridge	15/pkg	5170203

Cartridges have a pressure rating of 200 psig

Contact your local Grace representative for more information

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