

## HPLC stationary phase can be responsible for a blocked frit- Tips & Suggestions

Under certain circumstances, it is possible to damage the stationary phase particles (*dropping the column on a hard surface, pressure shock etc*) such that they would be comparable in size to the frit pore size.

This would then produce a high column pressure due to the partially blocked flow area. Some of our Cogent TYPE-C™ silica HPLC columns are made with a 4um particle and the frits used are 2um. In this case, the particles could get stuck in the frits and produce high back pressure.

*Sometimes running these columns in reverse direction on your HPLC will dislodge the particles and a proper flow will return.*



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**MicroSolv Technology Corporation**

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)

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