



## 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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