

Should I filter my HPLC solvents and buffers before use - FAQ

YES! We strongly recommend it.

The most common cause of excessive back pressure is due to the accumulation of particulates and or permanently adsorbed materials at the top of the HPLC column. This could be precipitate or undissolved particles which can come from your samples or your mobile phase or shredded pieces of pump seals.

The best way to minimize accumulation on your column is to filter your samples, solvents and buffers with a .45µm or a 0.2µm syringe filter or through a filter flask before use. This should give you more column lifetime.

Another way to minimize this build up is to use either an in line solvent / mobile phase filter, a guard column and or a Cogent Column Filter. The disposable filters devices are low cost and easy to use without disrupting your chromatographic results. Click [HERE](#) for ordering information on the column filters.