



Can I use benzene as a mobile phase solvent in HPLC – FAQ

Benzene can be used as an HPLC solvent... in theory.

It is compatible with standard HPLC instrumentation and will not damage an HPLC column. However, **we would not recommend** using this solvent for two main reasons. First, it is strongly UV-absorbing so would not be suitable for UV-based detection methods. Second, it is a known carcinogen and therefore less safe than many other solvents which are available. If you need something with similar properties, we would suggest toluene. It is often used as a benzene substitute and is less toxic.

Printed from the Chrom Resource Center

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

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

Email: customers@mtc-usa.com

Website: www.mtc-usa.com

Date: 05-21-2024