



If I use a buffer at pH 9 at 30 to 35C with the Zero Flow capillaries what lifetime should I expect from them - FAQ

If you use a pH buffer even with moderate ionic strength, at pH 9, the capillaries would *not* be expected to last very long.

It is hard to predict how many runs you get because it will depend on your run times, your conditioning step, etc. However, these capillaries are not designed for a pH higher than 8. The silica was and the organo-silane bond of the polyacrylamide is susceptible to hydrolysis, degradation and pitting at high ionic strength buffers above pH 8.

Click [HERE](#) for capillaries for CE ordering information and pictures

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: 05-05-2024