



Changing Conductivity in Capillary Electrophoresis.

When you change the Conductivity of your CZE method, the following changes can be expected.

Joule Heating: Reducing or lowering the conductivity will reduce the amount of Joule Heating in your capillary.

Current: A lower conductivity results in a lower Current.

Resolution: When conductivity is reduced sample loading can be adversely effected.

Migration Time: A greater difference in Conductivity between the sample buffer (sample zone) and your run buffer will speed migration time. This is called Stacking.

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: 05-17-2024