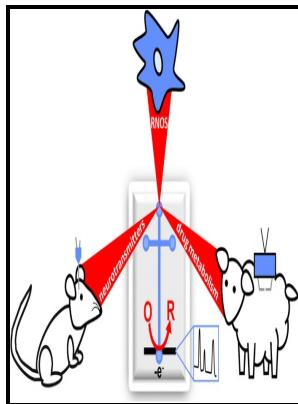


# Electrokinetic phenomena - principles and applications in analytical chemistry and microchip technology

Marcel Dekker - Michael Breadmore



Description: -

- Capillary liquid chromatography.
  - Capillary electrophoresis.
  - Electrokinetics -- Industrial applications.
  - Electrokinetics. Electrokinetic phenomena - principles and applications in analytical chemistry and microchip technology
  - Electrokinetic phenomena - principles and applications in analytical chemistry and microchip technology
- Notes: Includes bibliographical references and index.  
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## Electrokinetic

Evaluation of Microchamber Geometries and Surface Conditions for Electrokinetic Driven Mixing

## Electrohydrodynamics

Angewandte Chemie International Edition, 43 23 , 2990-2991. Alkan M, Doğan M 2001 Adsorption of copper II onto perlite. The net charge on particles in aqueous solutions can be measured by the process of electrophoresis, which is the basis of some wet end chemistry sensors.

## Electrohydrodynamics

Some instruments include a temperature control device to ensure reproducible results.

## Applications of electrokinetic phenomena in materials science

Chromatographic separations in a nanocapillary under pressure-driven conditions. Chemically induced migration of particles across fluid streamlines.

## Electrokinetic

Nägele E 1985 The zeta-potential of cement.

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