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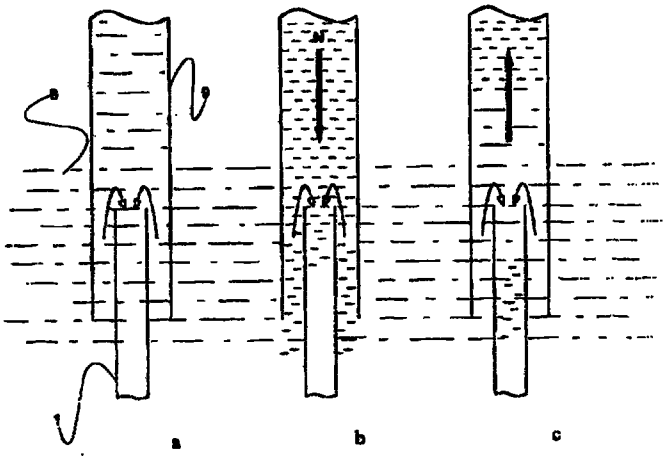
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(54) Title: METHOD AND APPARATUS FOR FEEDING A SAMPLE INTO A CAPILLARY ELECTROPHORESIS APPARATUS



(57) Abstract

The invention relates to a method and device for introducing a sample into the separation capillary (1) of a capillary zone electrophoresis apparatus, which capillary zone electrophoresis apparatus comprises two reservoirs (2, 3) which contain a background electrolyte solution (8), the reservoirs being interconnected by a capillary tube (1) which contains background electrolyte solutions; electrodes (5, 6) placed in the reservoirs, the electrodes being connected to a high-voltage source (7); and a detector (4) at the outlet end of the capillary. The sample is injected by means of a fixed or movable sample-injection capillary (9, 10) by placing the sample-injection capillary in the vicinity of the inlet end of the capillary (1) of the capillary zone electrophoresis apparatus in such a manner that the sample solution (N) will surround the said inlet end entirely, and sample is transferred into the separation capillary (1) by means of an electrophoresis electric current or in some other manner, and after a predetermined time the sample solution is withdrawn from the vicinity of the said inlet end, whereupon the sample solution is replaced by the background solution (8).