

Abstract

The object of the invention relates to an extraction cell for a centrifugal, partition chromatograph, which extraction cell contains an extraction chamber delimited by a cell wall and accommodates the liquid stationary phase, and it has a liquid inlet opening and a liquid outlet opening serving to let in and out the liquid mobile phase to be made to flow through the extraction cell. The essence of the extraction cell is that it contains an extraction chamber established as a tubular body, and a liquid inlet plug that includes a liquid inlet opening and a liquid outlet plug that includes a liquid outlet opening, that can be attached to the extraction chamber. An insert is included in the extraction cell chamber in order to overcome the effects of the Coriolis force on the mobile phase. The diameter of the passages of the insert is chosen dependant on the diameter of the droplets of the mobile phase. The object of the invention also relates to a centrifugal partition chromatograph containing such an extraction cell, and a method for producing such an extraction cell.

Fig. 2a