

Biogen Specific Teaching Material

Introduction to DSP – Chromatography





Questions & Answers

Introduction to DSP – Chromatography

1. In the analogy provided in the text, what is water and what is the riverbed?

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1. Water represents the mobile phase, while the riverbed is the stationary phase.

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2. Which phase in chromatography is indispensable?

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2. The detection phase is indispensable to chromatography.

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3. What is the friction phenomenon?

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3. Friction phenomena are the delays various sample molecules suffer on their way through the chromatographic system?

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4. How is the flow of the mobile phase achieved?

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4. It is achieved either by means of pressure from a hydraulic pump or gas, a capillary force or by applying electrical voltage.

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5. What is required to collect the separated substance in the case of preparative chromatography?

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5. Collecting the separated substance involves using a fraction collector.

Thank you for your attention!

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D-SCHULE
Domenika Hüsler
info@d-schule.ch
+41 79 730 52 35