

ASSIGNMENT

Q1. What are the main differences between High Performance Liquid Chromatography and Gas Chromatography?

Q 2. Which type of High Performance Liquid Chromatography technique is most widely used?

Q3. What is the separation principle in Size Exclusion Chromatography?

Q4. Why is it necessary to degass the mobile phase?

Q5. Which is the most commonly used detector in High Performance Liquid Chromatography and why?

Q6. What do you understand by a bulk property detector and a specific property detector?

Q7. What do you understand by Isocratic and Gradient elution?

Q8. What are the desirable features of a High Performance Liquid Chromatography detector?

Q9. What do you understand by theoretical plate concept and how HETP affects the separation of HPLC column?

Q10. What are the benefits of Fast LC or UHPLC?