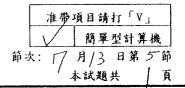
淡江大學九十四學年度轉學生招生考試試題

系別: 化學學系三年級 科目:分析 化



- 1. Define: Relative error (10%)
- Define: tandem mass spectrometry (10 %).
- Draw a negative feedback circuit and describe the principle (10%).
- Compare CE with HPLC. (10%)
- 5. Calculate the energy, frequency and wavenumber of a photon with a wavelength of 10.00 nm.(10%)
- 6. How to prepare 3.0 L of a 0.015 M solution of HCl (10%)
- 7. Discuss the principle of size exclusion chromatography. (10%)
- Discuss the limitations of the Beer's law. (10%)
- 9. Discuss the principle of a FT-IR.(10%)
- 10. In a reversed phase chromatography, if three compounds A, B, C will be used in this column, give the order for the retention time for them to come out from the column. The order of polarity is A > B > C. (10%)