

臺北醫學大學九十學年度研究所碩士班招生考試題目卷

科目：藥物分析學

九十學年度研究所碩士班招生筆試
所別：藥研
考科：藥物分析學

題目試卷共 / 張，本試卷為第 / 張

1. Define the following terms: (40%)
 - a) internal standard
 - b) residual titration
 - c) analytical method validation
 - d) accuracy and precision
2. Describe the types of chemical reactions which serve as the basis of titrimetric analysis. (15%)
3. Discuss the adsorption, partition, ion exchange and molecular exclusion about chromatographic separation. (20%)
4. Indicate the advantage and limitation of Karl-Fischer's titration method. (10%)
5. Briefly illustrate the quantitative methods for a nitrogen-containing narcotic which not only poorly soluble but also weakly reactive in water. (15%)