

## Analysis of Drugs According to Pharmacopoeia

**Lecture-Nr.:** 53830

**Type:** practical course

**Duration:** 8 hours per week (winter)

**Method of Assessment:** written examination

**ECTS Credit Points:** 10

### Topics:

A. Qualitative and quantitative chemical analyses:

1) Acid value or peroxide value; 2) iodine value or saponification value; 3) glycerol; 4) methyl 4-hydroxybenzoate; 5) ascorbic acid; 6) menadione; 7) sulfamethoxazole

B. Monographs:

Identity, purity and quantitative analysis of 3 drugs (chosen randomly from a list of 10 drugs) according to the monographs of the European Pharmacopoeia

### Literature:

1. European Pharmacopoeia / Europäisches Arzneibuch
2. Eger; Troschütz; Roth: Arzneistoffanalyse. Deutscher Apothekerverlag, Stuttgart.
3. Auerhoff; Kovar. Identifizierung von Arzneistoffen, WVG, Stuttgart.
4. Imming: Arzneibuchanalytik. WVG, Stuttgart.

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