



Pharmaceutical measurement (chapter 3)

Objectives:

The students should be able to

- Calculate the minimum measurable and weighable quantities using the sensitivity requirement of the balance
- Calculate the maximum expected percentage errors
- Apply the aliquot method to perform prescriptions calculations with quantities below the sensitivity limits of the available balances and glassware.

Reading

Chapter 3 from the Ansels Calculations book pages 37-47

You need to know the following for the iRAT

- 1- ***What does the aliquot method allow you to do?***
- 2- ***What is the definition of LWQ? And what does it depend on?***
- 3- ***How the error and percentage error are related to the weighed quantity and the glassware used in the measurement?***