

## Dissolution tests

Created on: 21-04-2023 - Last modified on: 24-04-2023

### Contact person

Jonathan Goole

### Organisation

**Name of the organisation** Université Libre de Bruxelles (ULB)

**Department** Pharmaceutics and Biopharmaceutics

**Country** Belgium

## SCOPE OF THE METHOD

<b>The Method relates to</b>	Human health
<b>The Method is situated in</b>	Basic Research
<b>Type of method</b>	In chemico

## DESCRIPTION

### Method keywords

in vitro dissolution testing  
release profile  
Target- and drug discovery  
Correlation in vitro in vivo

### Scientific area keywords

Pharmacy  
quality control  
early stage research  
Validation

### Method description

Dissolution test aim to evaluate the release profile of a drug from the dosage form. It allows anticipating the potential available dose of the drug within a certain period of time once administered.

### Lab equipment

- UV/visible spectrophotometer,
- Dissolution ramp.

### Method status

Published in peer reviewed journal

## PROS, CONS & FUTURE POTENTIAL

### Advantages

- Fast,
- ready to use,
- reliable.

### Challenges

Very long release systems.

### Modifications

No

### Future & Other applications

No

## REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

*Coordinated by*



*Financed by*



**Vlaanderen**  
verbeelding werkt

