

# Dissolution tests

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## 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
<b>This method makes use of</b>	Animal derived cells / tissues / organs

## 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

### Associated documents

## PARTNERS AND COLLABORATIONS

### Organisation

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

**Department** Pharmaceutics and Biopharmaceutics

**Country** Belgium

*Coordinated by*



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