



PHYSIOLUTION

Predictive Dissolution Testing

[Stress your formulation, not yourself]



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[About Physiolution GmbH]

Physiolution GmbH is a highly innovative company focused on investigations of dissolution behaviour of solid oral dosage forms under bio-relevant test conditions.

The cutting edge test methods utilized by **Physiolution GmbH** were established by its founders and are based on years of experience in the fields of gastro-intestinal tract physiology and biopharmaceutical evaluation of solid oral dosage forms.

The bio-relevant test methods realistically simulate the mechanistic and physico-chemical forces that act on dosage forms during gastro-intestinal passage and enable the evaluation of the biopharmaceutical safety and reliability of solid oral dosage forms. The applicability of the test devices and test procedures has been successfully validated on numerous examples of clinical relevance as well as in the routine analyses.





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[Our services]

Predictive Dissolution Testing of Solid Oral Dosage Forms

- Investigation of dissolution characteristics under biorelevant stress test conditions
- Preclinical evaluation of dosage form performance
- Investigation of pharmaceutical equivalence – selection of promising candidates for clinical studies
- Development of dissolution test devices dedicated for special applications
- Dissolution testing in accordance with USP and Ph. Eur.

Pharmaceutical analytics

- Development of analytical quantification methods for drug substances
- Development of analytical methods and procedures for pharmaceutical products
- Validation of analytical methods according to the Note For Guidance On Validation (CPMP/ICH)





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