

Welcome to the Health Care Application Laboratory Frankfurt

A. Jäger
BU Care Chemicals
Application Development Health Care
29.08.2025

Greater chemistry

Technical Application Laboratory Health Care Frankfurt

Quality System:

ISO 9001

Current Focus:

- Powder mixing for direct compression of tablets
- Evaluation of different lubricants in tablet formulations
- Tableting including analytics for oral solid dosage forms
- Dissolution profiles of APIs with different solubilizers in tablets
- Tablet stability testing according to ICH

Purposes:

- Benchmarking of Clariant excipients in tablet formulations
- Internal and customer trainings/workshops

Planned Expansions:

- Tablet compression using wet granulated powders
- Conducting feasibility studies with customer drug substances
- Supporting customers with early phase formulation development



Mixing / Granulation / Tableting



**Double cone blender
for powder /granulation blending**



**Planetary mixer
for powder mixing & granulation**



**Rotary Tablet Press
for Tableting**

Powder & Tablet characterization



Tapped Density tester



Bulk Density tester



Powder Flow Analyzer



Sieving tower

**Powder
testing**



Tablet Disintegration Testing



Tablet Friability Testing



Tablet hardness testing

**Tablet
testing**