

Your experts for high-performance mineral specialties. Since 1894.



Solids Application Lab

ENG

LEHVOSS Life Science Solids Application Lab

From Powder to Product

- Formulation development
- Tableting process optimization & scale-up
- Excipient & mineral selection
- Troubleshooting & technical advisory
- Customer-specific trials & prototypes

Capabilities

Solid dosage development

- Tableting
- Compaction simulation
- Capsule manufacturing
- Physical tablet testing

Powder characterization

- Bulk & tapped density
- Powder flow characterization
- Sieve analysis
- Water content determination
- Loss on ignition
- pH measurement
- Optical microscopy

Advanced analytics

- Particle size distribution by laser diffraction (PSD)
- Infrared spectroscopy (IR)
- Differential scanning calorimetry (DSC)
- Thermogravimetric analysis (TGA)



Services

- Formulation development from powder to product
- Characterization of powders and tableting blends
- Compaction performance profiling
- Excipient and mineral benchmarking
- Material-efficient formulation screening and prototype manufacturing
- Granulation and tablet coating in cooperation with selected partners

Expertise

Technical expertise for pharmaceutical and nutraceutical solid dosage forms, backed by experience in pharmaceutical raw materials since 1965.

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