



ACU – Micronization for Life Science



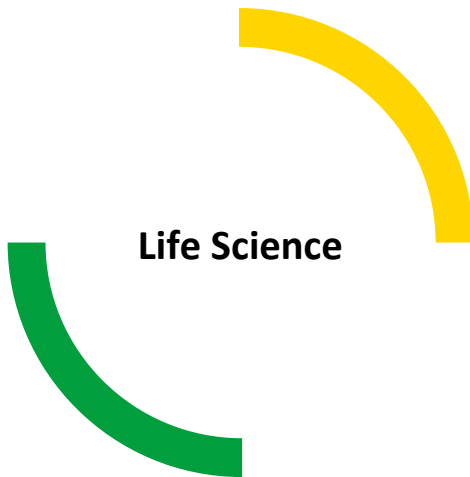
www.acu-pharma.com

Micronizing
Milling
Cryogenic milling

Mixing
Coating with oil

Sieving
Packing and assembling





Life Science

Micronization for Life Science



Since 2002 ACU is contract manufacturing in the field of food and feedstuff. Also, for this very demanding sector we are a competent and efficient partner pursuing a unique quality concept with consistently high production and quality standards. Our production solutions are always tailor made to your individual needs.

A variety of benefits can be reached in Life Science products through micronization of powder raw materials!

- We define Micronization as very fine milling of solids with a particle size of < 100 µm.
- Different mills are used in consideration of the product properties.
- Micronized substances are often more effective and interesting for your final applications.
- Among other advantages are often found in
 - Improvement of mouth feel
 - faster chemical reaction due to larger reaction surfaces
 - Increase of bioavailability
 - Improvement of viscosity
 - Better solubility
- Application areas of micronized powders in Life Science products are numerous, e.g.

- Food additives	- Spices
- Sweeteners	- Citrates and salts
- Flavours	- Vitamins

Due to an attractive variety of mill types and mill sizes we realize different particle size distributions up to 5 microns.

Quality management, quality assurance and ongoing controls in close coordination with our customers are indispensable components of our work.

We are certified according to

- ISO 22000:2005
- ISO 9001:2015
- Regulation (EC) No. 889/2008 (BIO-Certificate)

Different campaign sizes can be realized according to your needs. Besides following your temporary or constant outsourcing wishes of regular production we support you also in your R&D initiatives or bench scale tests.

Let us be your trusted partner with our maximum expertise in micronization!

ACU PHARMA und CHEMIE GmbH

Am tiefen Graben 6
 DE-99510 Apolda
 Phone: +49 (3644) 5058-0
 Fax: +49 (3644) 5058-99
 Web: www.acu-pharma.com
 E-Mail: info@acu-pharma.com

