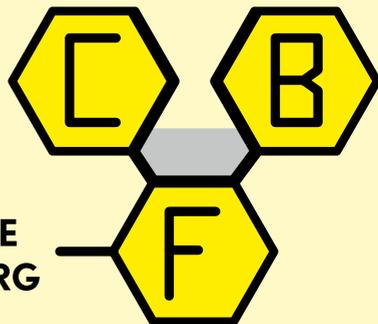


2018



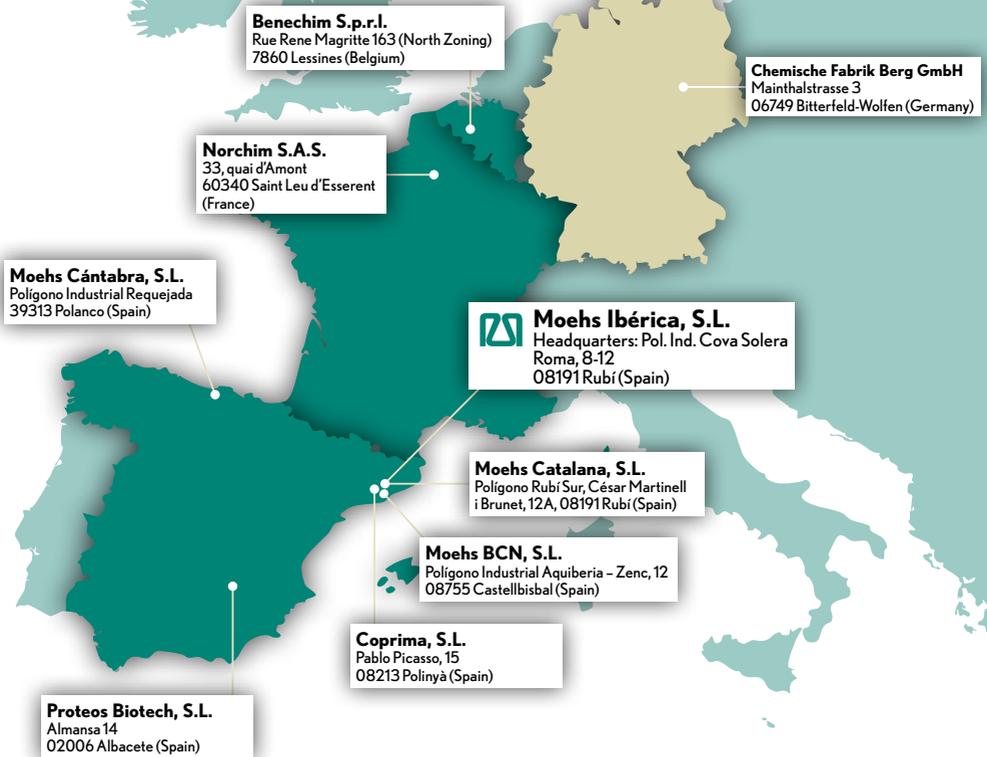
**CHEMISCHE
FABRIK BERG**



A member of Moehs Group

 **MOEHS**
PRODUCTOS QUÍMICOS

The members of Moehs Group



Welcome to Chemische Fabrik Berg

The company was founded in 1953. Our history proves that one of the most effective strategies for long-term success is to love what you do, embrace change and always be at your customers' side.

Our company started as a spin-off from Wilhelm Berg KG which was owned by a well-known German industrial family. Dr. Herbert Berg, who was a chemist by profession, had established a chemical department within Wilhelm Berg KG and turned it into a successful independent business unit. Today, Chemische Fabrik Berg is recognized as a global supplier for the pharmaceutical industry.

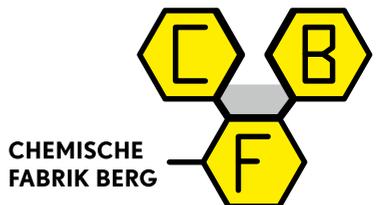
The current years find our company more agile than ever. We have put into operation brand-new, state-of-the-art clean room facilities which allow us to stay on top of ever increasing quality requirements for years to come. We are permanently adapting our product portfolio and the scope of our custom manufacturing abilities to the needs of the market.

Chemische Fabrik Berg is an independent member of the Moehs Group, Spain. We are proud of our long-standing relationships with a large number of customers and representatives around the world. They are a testimony to the spirit of true partnership we maintain with our customers. We attach great importance to close cooperation with our business partners on a basis of trust and good faith.

Yours truly,

Michael Grosse

Managing Director





QC-laboratory

COMPANY PROFILE

Trust is at the Root of a Long Tradition

Ever since the inception of Chemische Fabrik Berg GmbH in 1953, we have strictly focused on our customers and their needs. From humble beginnings as a small part within a large metallurgic company, we grew to become a trusted supplier for the pharmaceutical industry worldwide.



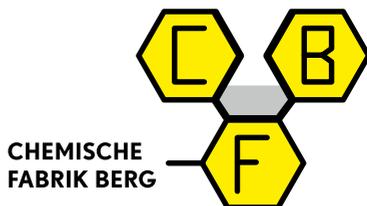
HPLC apparatus

Chemist Dr. Herbert Berg, our company's first owner, belonged to a West German entrepreneurial family. They had become famous at the turn of the century when they provided the aluminium framework for the first Zeppelin airship. Dr. Herbert Berg established a chemical department within his father's company. In 1953, it became a separate business as Chemische Fabrik Berg GmbH. Dr. Berg was holding several patents in the field of polymer chemistry.

Chemische Fabrik Berg started out with producing adhesives, but soon switched to barbiturates. The company thrived with the booming West German economy. Today, customers around the world value Chemische Fabrik Berg as a certified source for complex molecules requiring multistage synthesis.

Our company originally was located in Lüdenscheid, close to West Germany's industrial heartland, the Ruhrgebiet. In 1998, we relocated to Bitterfeld in the Eastern part of Germany, a city where the chemical industry has a deep tradition.

Chemische Fabrik Berg was fully acquired by PMC Global Inc. of Sun Valley, California, in 2003. Six years later, we became an independent member of Moehs Group, Spain, one of PMC Global's subsidiaries, joining Norchim S.a.S. (France), Benechim S.P.r.L. (Belgium), Moehs Ibérica, S.L., Moehs Cántabra, S.L., Moehs Catalana, S.L., Coprima, S.L., Moehs BCN, S.L. and Proteos Biotech (all Spain). All companies are specialized in the development and the production of pharmaceutical ingredients.



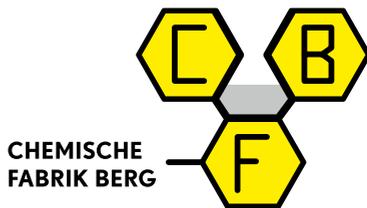


warehouse

CORE COMPETENCIES AND PRODUCT LINES

Competence makes strong Partnerships

Chemische Fabrik Berg is an established brand in the supplier markets for human as well as veterinary pharmaceuticals. We specialize in GMP production of APIs, controlled drugs and advanced intermediates.



Our products address a broad range of indications and applications like cardiovascular disease, epilepsy, insomnia, sedatives, and appetite suppressants. We offer lab-scale process development in custom synthesis, small-scale technical production ranging from 1 kg to 100 kg, and industrial production up to a total of 300 tons per year.

Custom manufacturing has become a key success factor. Customers consider us a valuable part of their supply chain because of our flexibility, our partnership approach, and because of the scope of our competencies. Typically, it only takes 18 to 24 months from starting R&D until market entry.

Pyrimidine chemistry is a particular strength in our portfolio of chemical reactions. Through our partnership with a specialist for sterile lyophilisation, we can offer these products from a single source. We support our custom manufacturing clients with a wide range of services like registering their products with authorities in any country around the globe. And we make a point of being very quick to react to customer inquiries. Decision making is fast, and it usually only takes us one to two weeks to analyze the feasibility of a proposed project.

As of now, there are at all times R&D projects in our constantly expanding portfolio. Our goal is to expand our product portfolio by one API per year.

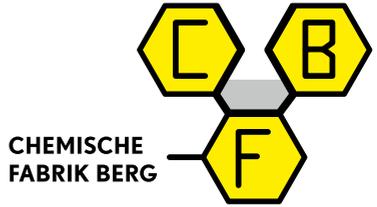


manufacturing area

CERTIFICATES AND COMPLIANCE

Certified Excellence needs Clear Commitment

Chemische Fabrik Berg is among the pioneers of GMP inspected producers of active pharmaceutical ingredients in Germany. We attained our first GMP certificate in February 2000 – more than seven years before it became mandatory. Since then, authorities carried out inspections periodically. Each one Chemische Fabrik Berg passed successfully.



Six GMP inspections were carried out by the State Administration Department (Landesverwaltungsamt) Saxony-Anhalt, the responsible national authority. The dates were

The GMP Certificate reflects the status of the manufacturing site at the time of the inspection noted and should be relied upon to reflect the compliance status if more than three years have elapsed since the date of inspection, after which time the issuing authority should be consulted.

FEBRUARY 2000
NOVEMBER 2004
JUNE 2005
APRIL 2008
DECEMBER 2011
DECEMBER 2014

Chemische Fabrik Berg was GMP inspected and approved by the US Food and Drug Administration (FDA) in

MAY 2002
JUNE 2007
APRIL 2012
MAY 2015

We were GMP inspected and approved by the Korean FDA in

SEPTEMBER 2007
AUGUST 2013

Total commitment to quality and customer satisfaction is at the heart of our business philosophy. Customers audit Chemische Fabrik Berg once a month or more. We have passed each one of them. Anticipating growing customer needs for increased water quality during manufacturing processes, we started operating an aqua purification system in 2013.

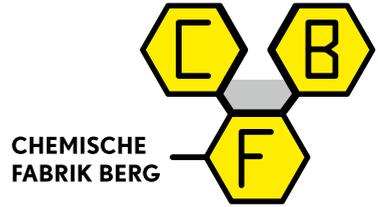


clean room area

THE NEW CLEAN ROOM FACILITIES

Quality beats Quantity

We started building Class D clean room facilities in 2010. Since then, we have continually expanded them, investing a seven-digit amount of Euros in the process. In September 2016 we have finished this program.



centrifuging

drying

milling and grinding

packaging and sampling

The background for this decision is our constant push for production excellence. Instead of simply beefing up production capacity to increase output, we opted for a long-term investment into quality.

At present, there are no regulations actually demanding clean rooms for our production processes. They exist because it has always been the strategy of Chemische Fabrik Berg to be at least one step ahead when it comes to product and process quality.

We are confident that legislation will follow within a few years, so that clean rooms will become mandatory. By then, Chemische Fabrik Berg will already have gained valuable experience with operating under clean room conditions, and be able to fully comply with the new requirements from day one.

At Chemische Fabrik Berg, these production steps are carried out under clean room conditions:

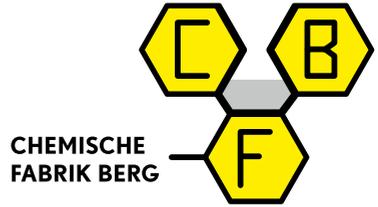
centrifuging
drying
milling and grinding
packaging and sampling

Our clean room facilities are designed following the clean corridor principle. It prevents bidirectional contamination.



packaging, re-packaging and sampling area





INSTALLED CAPACITY AND PRODUCTION

Flexible Production meets a wide array of Customer Needs

Our plant is a multi-purpose site, optimized for maximum flexibility and low set-up costs for changing products. Total reactor capacity is 50 cubic meters, enabling us to produce small quantities of a few kilograms as well as lot sizes reaching several hundred kilograms. The pilot scale plant we are running on the site is equipped with reactors containing between 200 and 400 liters.

We continually expand and optimize processes and production facilities which include stainless steel and glass-lined 600 liter to 6,000 liter vessels, centrifuges, and filter nutsches. We apply dynamic and static methods for drying ingredients using paddle dryers, tray dryers and a double cone dryer.

In 2013, we added a horizontal peeling centrifuge made of corrosion-resistant Hastelloy® superalloy to our state-of-the-art separation systems.

In 2014 a jet mill was installed for keeping the mi-

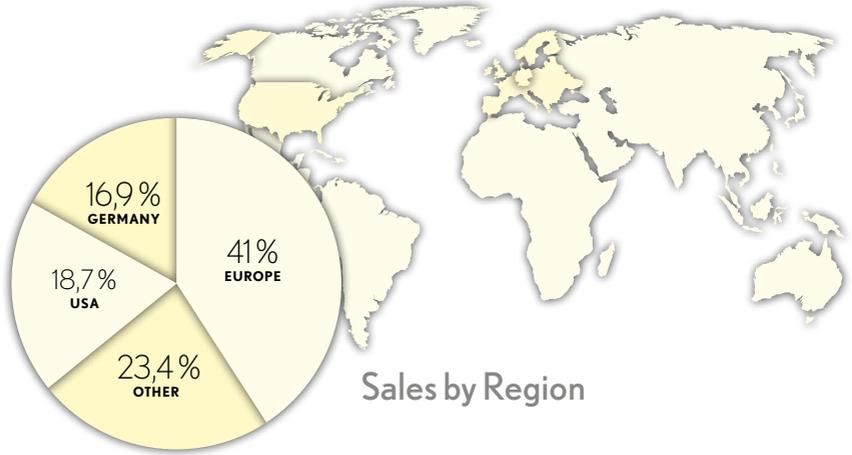
cronization activities inside and for offering a custom micronization service under GMP.

In 2016 a working bench for handling of high toxic or high potent products was established. We offer a new service of re-packaging (100g to some kg) by using this working bench.

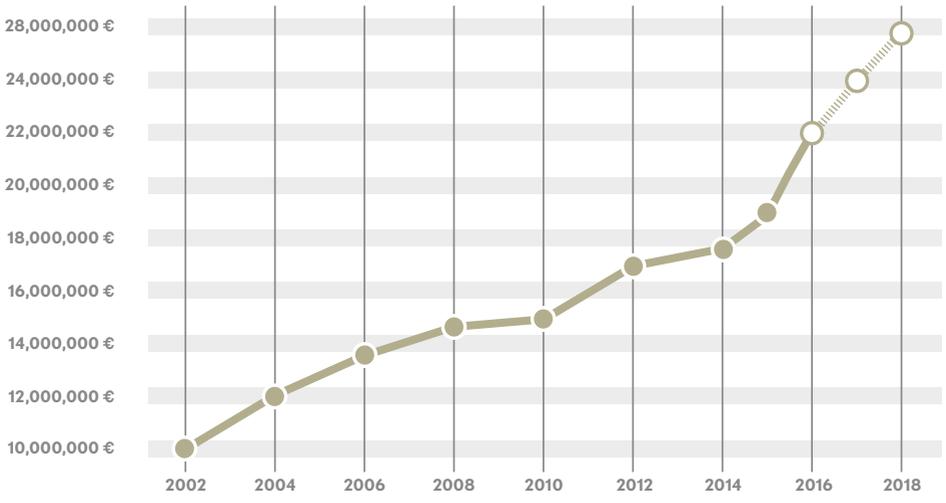
Packaging materials, intermediates and raw materials are kept in separate special storage rooms. The one-way flow of materials from start to finish minimizes the risk of cross contamination. Finished products are stored in air conditioned rooms which meet all applicable technical and safety standards, as reflected in our certifications.

Environmental protection also is a high priority for Chemische Fabrik Berg. We operate waste-water treatment facilities and an incinerator with afterburner for exhaust air.

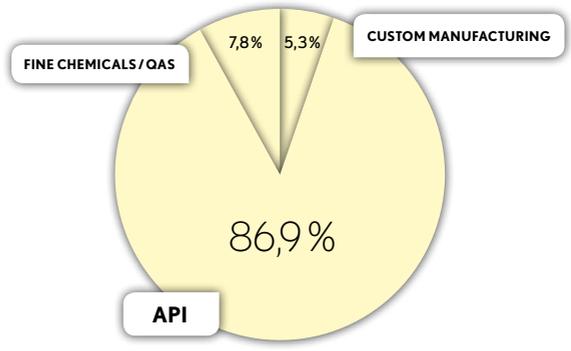
International Sales 2016



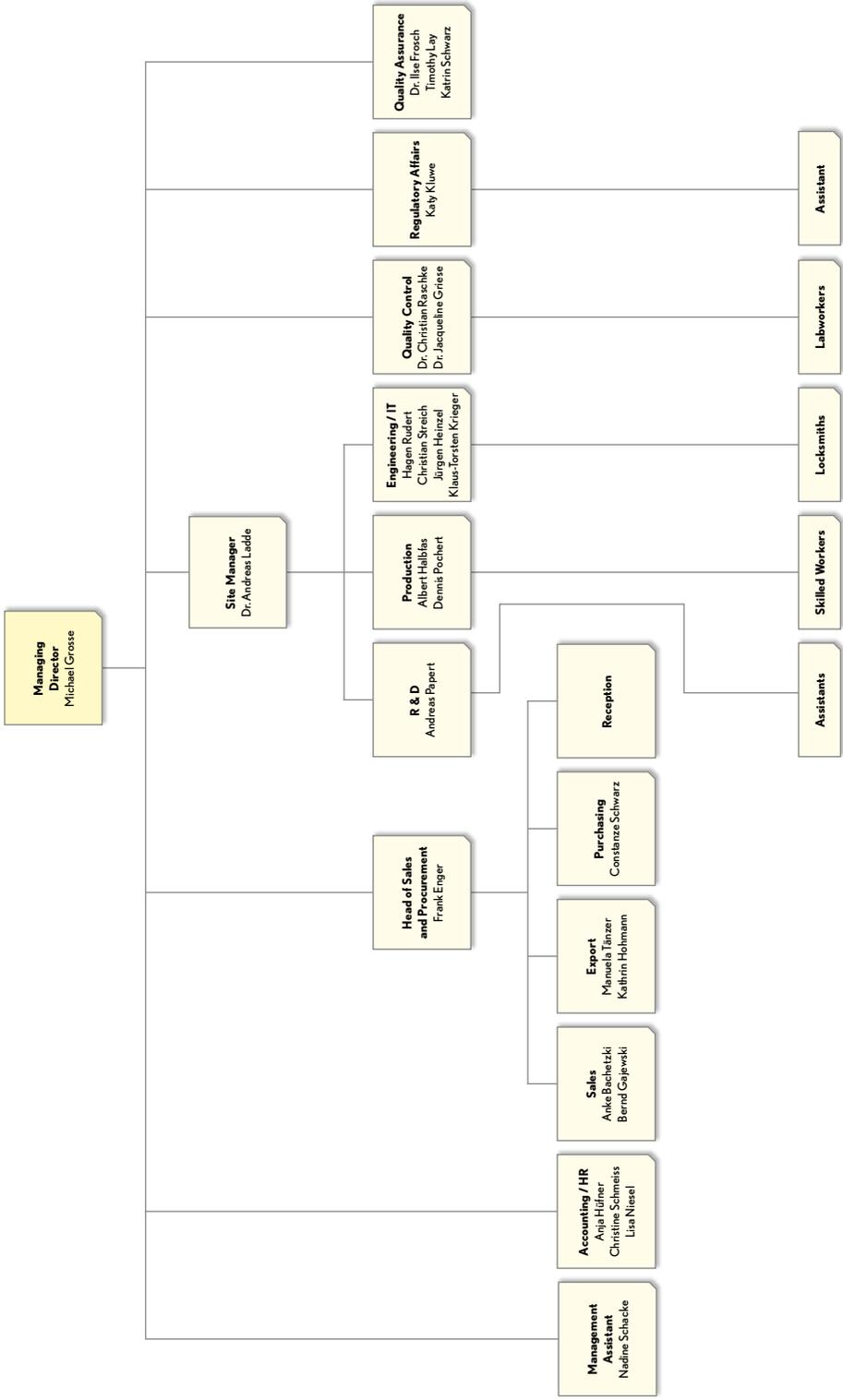
Sales by Region



Sales Volume 2016



Organizational Chart





www.cfb.de

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CFB 9/2017