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WHO WE ARE?



Curtis Health Caps



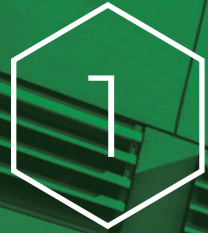
CDMO 4.0

We are

GLOBAL

contract development & manufacturing
organization specialized in soft gelatin capsules,
non-sterile liquid forms and R&D services.





ABOUT US



IDEA



R&D



PRODUCTION



LOGISTICS



PACKAGING



MARKETING



SOFT GELATIN
CAPSULES
MANUFACTURING
& PACKING



NON-STERILE
LIQUID FORMS
MANUFACTURING
& PACKING

WHO WE ARE

We are one of the leaders in the field of contract manufacturing of pharmaceutical products.

The company has a modern and innovative machinery park and a well-equipped research and development department employing experts in their respective fields.

With over 30 years of presence in international markets, CHC has been recognized as a trusted partner providing services to Clients from the pharmaceutical, food and cosmetics industries as producers of medicinal products, medical devices and veterinary products.

We offer a comprehensive range of solutions, from research and development services, through Regulatory Affairs to quality consultancy, production, storage and transport.



1989

Production of tablets under own "Curtis Healthcare" brand name.

2010/2012

Sale of own brands; opening of new manufacturing plant in Wysogotowo (near Poznań) under the name of "Curtis Health Caps" and changing business profile to contract manufacturing of **softgel capsules confirmed by GMP certificate.**

2014

Implementation of a new packaging service (unitary containers); the development of a finished product portfolio; intensive development of R&D and analytical services.

2017/2018

CDMO - contract development & manufacturing organization; further development; obtaining GMP for non-sterile liquids; expanding the scope of services with: licensing ready to use dossier, product registration, ready solutions for pharmaceutical entities.

2021

GMP (certificate extension) Packaging of the medicinal product:

- tablets,
- hard capsules.

2008

Launch of production line of soft gelatin capsules.

2013

Expansion into new international markets, coupled with a dynamic growth in sales and production; investment in new machinery.

2015/2016

Implementation of the new production line for non-sterile liquid forms; possibility to provide a service of comprehensive product development - R&D and analytical support.

2020/2021

Curtis Health Caps transformed from the legal form of a limited liability company to a joint stock company.

2022

Plant expansion

- increasing the space of packaging area by more than 80%,
- increasing production capacity in pharmaceutical standard,
- optimizing logistics processes.

GMP IMP MANUFACTURING AUTHORIZATION



ABOUT US



Mission

CHC supports its partners in the **pharmaceutical** sector **worldwide** by developing and contract manufacturing products of **high quality**, carefully tailored to the ever-changing customer needs.



Vision

CHC endeavours to become one of the **leading** suppliers of innovative and all-embracing solutions for developing and contract manufacturing of products. Our work is our **passion**, while **responsibility for our employees and environment** is our priority.

Values



EXPERTISE



ONGOING IMPROVEMENT



INTEGRITY



PASSION



RESPONSIBILITY



QUALITY

OFFER

Product form	Soft gelatin capsules	Non-sterile liquid forms	R&D	Packaging
Medicinal products	✓	✓	✓	✓
Medical devices	✓	✓	✓	✓
Food supplements	✓	✓	✓	✓
Cosmetic products	✓	✓	✓	✓
Veterinary products	✓	✓	✓	✓



Medicinal products



Medical devices



Food supplements



Cosmetic products



Veterinary products



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POSSIBILITIES

OUR FACILITY

- **4 modern** encapsulation lines
- **Mixers for the preparation** of fill and gelatin mass
- **2 fully automatic** blistering lines
- **Dedicated line for packaging** in containers and jars
- **Multi-purpose packaging line** designed for packaging various non-sterile liquid forms in glass and plastic bottles
- **Pilot size** batches
- **Wide range** of batch sizes
- **Well-equipped** laboratories
- **Air-conditioned high-bay warehouse** with 3 temperature zones (2-8°C, 8-15°C and 15-25°C)

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POSSIBILITIES



1.4 bln

(in conversion to 10 oval) soft gel capsules per year



8 mln

packages of liquid forms per year



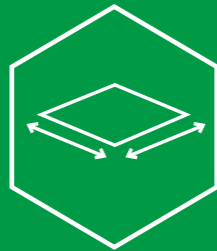
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trusted, well-qualified employees



8 670

m² of production space



14 000

m² of total usable space

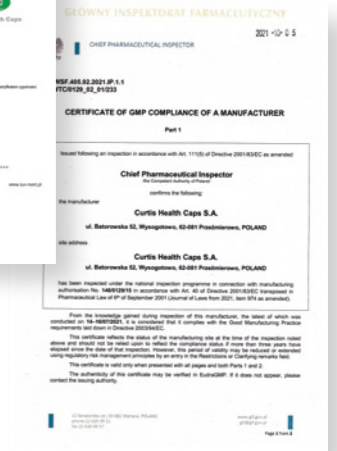


5 000

EUR-pallet spaces (warehouse capacity)

CERTIFICATES

- EU GMP (Good Manufacturing Practice for medicinal products)
- EN ISO 13485:2016 (medical device)



ADDITIONAL

- We are authorised to manufacture food supplements by competent Sanitary Authorities. Our implemented QMS is based on the HACCP principles required by Regulation (EC) No 852/2004.
- We are authorised to manufacture veterinary products (complementary feed for animals) by competent Veterinary Authorities (alpha number PL3021012p).
- We produce cosmetics based on the ISO 22 716 standard for Good Cosmetic Production Practice.

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SOFTGELS



WHY SOFT GELATIN CAPSULES?

- Fast absorption of active ingredients
- Gelatin shell guarantees airtight packaging for the ingredients included in the capsule fill and protects them against the effects of external factors
- Wide range of shell colours and capsule sizes; guaranteed unique visual properties of the product and advantage over other products available on the market
- The specificity of the encapsulation process ensures microbiological safety of the product without the use of preservatives. This is particularly important in products intended for children
- Capsule shell is composed of biodegradable and environmentally friendly components

OUR CAPABILITIES

Shapes of capsules	Special types of capsules	Types of shell colours	Types of capsule fillings
<ul style="list-style-type: none"> • Oval • Oblong • Round • Special shapes (customized) 	<ul style="list-style-type: none"> • Twist-off • Chewable • Suckable • Bath 	<ul style="list-style-type: none"> • Transparent or coloured • Mono- or bi-coloured 	<ul style="list-style-type: none"> • Suspension fillings • Oily fillings

GELATIN

The gelatin shell is an essential part of the capsule. Our shells are made of:

- Bovine gelatin
- Porcine gelatin
- Fish gelatin
- Gelatin for chewable capsules (a special gelatin mix)
- Halal bovine gelatin



PACKAGING SERVICE

We have a machinery park suitable for packaging in blisters and containers:

- Soft capsules
- Tablets
- Hard capsules



Containers

- Standard containers (HDPE 60, 75, 90, 100, 150 ml; GLASS 100 ml)
- PET containers (75, 100, 120, 150, 200, 300, 500 ml)
- Containers for medicinal products (HDPE 15, 35, 60, 75, 100, 150 ml)

Blisters

We offer blisters in the range up to max. 120 x 90 mm

- Standard blister sizes – 56 x 102 mm and 66 x 120 mm
- Packing of 2, 10, 15 and 20 capsules/blister
- Samples

We also offer nonstandard solutions to adapt/adjust to Clients' requirements.



LIQUID FORMS



WHY LIQUID FORMS?

- Wide dosage spectrum
- Attractive taste and smell – especially important for children
- Easy to use
- High absorption rate
- No risk of choking – liquid consistency facilitates swallowing
- Due to a variety of dispensing accessories available, product administration to children and elderly people is safe and easy
- Optimal pharmaceutical form for paediatric and geriatric patients (better compliance)



LIQUID FORMS

OUR OFFER

R&D and commercial production of:

- Syrups
- Suspensions
- Oral solutions (aqueous and oily)

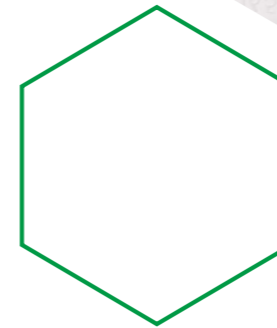
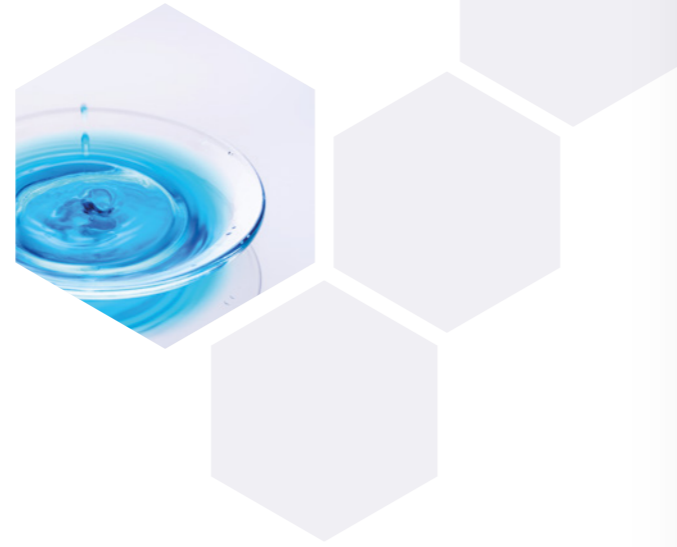
PACKAGING

As we own a customised packaging line, we are able to offer our customers finished products in a variety of unit packages, including:

- Glass bottles (10, 20, 30, 125, 200, 300 ml)
- PET bottles (50, 60, 100, 120 ml)
- Glass vials (10, 20, 30 ml)
- HDPE vials (15, 30 ml)
- Closures with tamper-evident ring and/or childproof closures

Complete set of dispensing accessories:

- Snap on pump
- Dispenser: drops, spray, nasal, earbuds
- Glass pipettes,
- Droppers
- Syringes
- Packaging in single boxes and collective box cartons



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R & D



TECHNOLOGY

We offer a wide range of services in the field of manufacturing technology of soft gelatin capsules and non-sterile liquid forms:

- Formulation development of new products based on the latest market trends and literature
- Modification of existing product formulations
- Selection of raw materials of adequate quality from qualified suppliers
- Development of technology and production of trial and pilot batches
- Product transfer and development

ANALYTICS

Research and Development department experts offer the following professional services:

- Development and validation of analytical methods for products
- Development and validation or implementation of analytical methods for raw materials
- Optimization of analytical methods
- Works listed above are conducted according to ICH guidelines, pharmacopeial requirements and GMP regulations.
- Transfer and analytical methods

STABILITY TEST

In order to ensure comprehensive product service, we run shelf-life tests of products conditioned in climate chambers:

- long-term (25 °C/60%RH),
- medium-term (30 °C/65%RH)
- accelerated (40 °C/75%RH)

Stability tests are run based on ICH guidelines (Q1A-Q1F), Annex 2, published by WHO

REGULATORY AFFAIRS

We offer a wide range of regulatory services, which includes the following legal categories of products:

- medicinal products
- medical devices
- food supplements
- cosmetic products



- OTC switch
- Pharmaceutical consulting
- Dossier audit
- Preparation of expert reports



WHY CHC?



GLOBAL RANGE OF SERVICES

OUR ADVANTAGES





WHY CHC?

FROM IDEA TO FINISHED PRODUCT



Idea

- Product concept – R&D analysis and professional supporting tool
- Theoretical formula



R&D activities

- Formulation
- Scale up
- Technology transfer
- Analytical methods
- Stability
- Regulatory Affairs



Production

- 4 encapsulation lines
- Dedicated vessel for liquids
- Pilot line batches
- Competent staff working 24/7



Marketing

Creating an attractive brand for the client's product line

- Target market analysis
- Strategy building



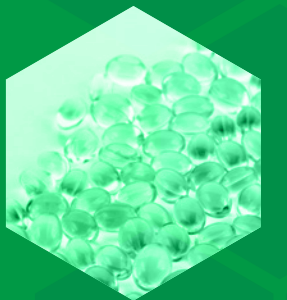
Logistics

- Competitive lead times
- Support in the organization of storage and transportation



Packaging

- 2 fully automatic blistering lines
- Line for packaging in containers and jars
- Automatic line for non-sterile liquid forms
- Fully support in the selection of the best packaging materials for the Customer



6-STEPS PROCESS

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Find out more 



EN ISO 13485:2016
EU GMP (Good Manufacturing Practice)

