CD
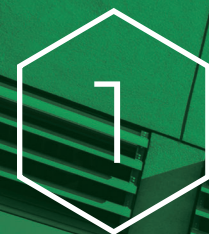# MO

WHO WE ARE?

CHC

Curtis Health Caps

CHC CDMO **4.0**

We are

GLOBAL

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

1 ABOUT US

IDEA

R&D

PRODUCTION

LOGISTICS

PACKAGING

SOFT GELATIN CAPSULES
MANUFACTURING & PACKING

PACKAGING OF MEDICINAL PRODUCTS
TABLETS | HARD CAPSULES

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.

2014

Implementation of a new packaging service (unitary containers); the development of a finished product portfolio; intensive developmen 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 dossier, product registration, ready solutions for pharmaceutical entities.

2021

GMP
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; obtaining the certificate of BRC Food safety standard.

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.

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

2 POSSIBILITIES

OUR FACILITY

- **4 modern** encapsulation lines
- **Mixers for the preparation** of fill and gelatin mass
- **1 filling line** for liquids
- **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)

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

8 mln
packages of liquid forms per year

380
trusted, well-quallified employees
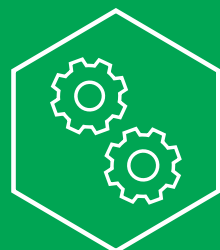
8 670
m² of current production space
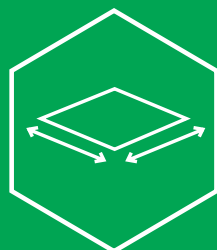
14 000
m² of total usable space
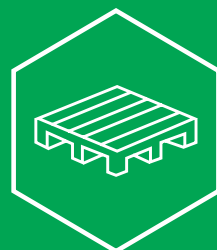
5 000
EUR-pallet spaces (warehouse capacity)

CERTIFICATES

- EU GMP (Good Manufacturing Practice)
- BRC 8th edition (Global Standard for Food Safety)
- EN ISO 9001:2015 and PN-EN ISO 14001:2015
- EN ISO 13485:2016

ADDITIONAL

- We have an alpha number (PL3021012p) allowing the production of veterinary products (complementary feed for animals).
- We produce cosmetics based on the ISO 22 716 standard for Good Cosmetic Production Practice.
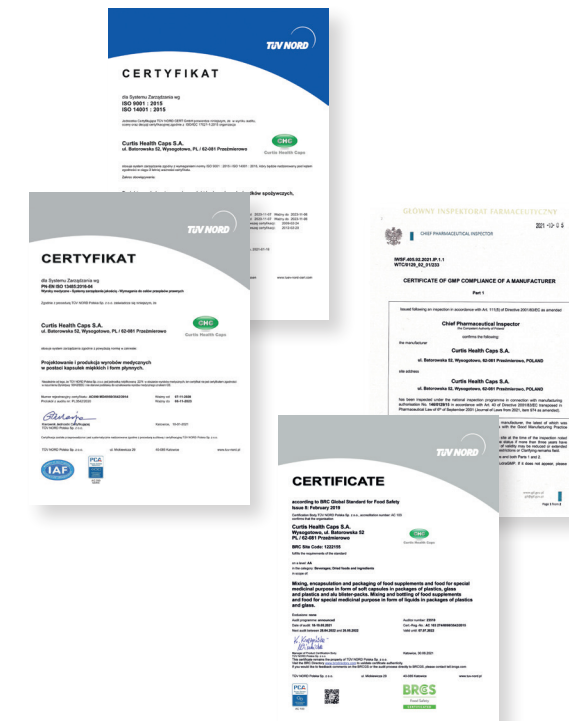
3 SOFTGELS

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
• Oval • Oblong • Round • Special shapes (customized)	• Twist-off • Chewable • Suckable • Bath	• Transparent or coloured • Mono- or bi-coloured	• 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	Blisters
• 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)	**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 • Confection of 10, 15 and 20 capsules/blister • Samples

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

4 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)

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 master cartons
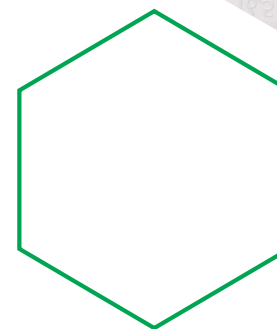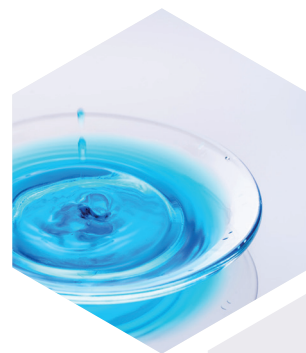
5 R & D

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

6 WHY CHC?

GLOBAL RANGE OF SERVICES

OUR ADVANTAGES

Effective communication

Clear B2B model

Personal assistance at every step

Manufacturing facility and modern laboratory

Customers' production orders are **always our priority**

Ready to market products

Professional partner from idea to final product

Short & flexible lead times
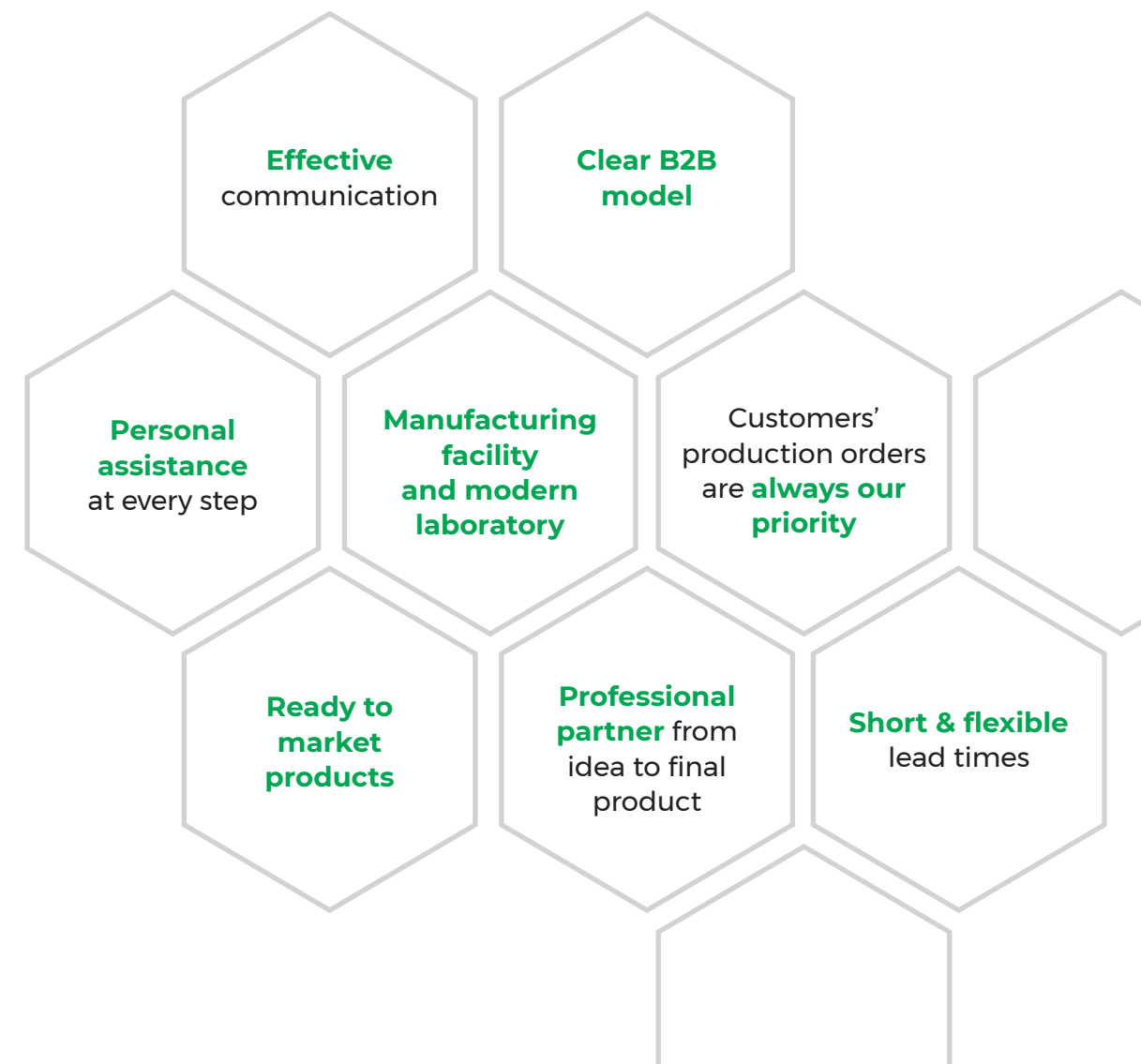
FROM IDEA TO FINISHED PRODUCT

5-STEPS PROCESS

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

2 — R&D activities
- Formulation
- Scale up
- Technology transfer
- Analytical methods
- Stability
- Regulatory Affairs

3 — Production
- 4 encapsulation lines
- The multi-purpose line for non-sterile liquids
- Pilot line batches
- Competent staff working 24/7

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

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

CD
MO

PRODUCT PORTFOLIO

CHC

Curtis Health Caps

Index

VITAMIN D3

READY TO MARKET

PRODUCT IDEA

normal function of the immune system

maintenance of normal teeth

maintenance of normal bones

maintenance of normal muscle function

role in the process of cell division

PO_4^{3-}
Ca^{2+}
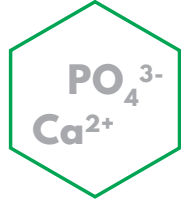
normal absorption/ utilisation of calcium and phosphorus

Ca

normal blood calcium levels

- Treatment and prevention of vitamin D deficiency.
- As a supplementation of osteoporosis treatment with patients with vitamin D deficiency or patients with a risk of having vitamin D deficiency.

Find out more about the multidirectional effects of vitamin D from #expertCHC articles

PRODUCT			FORM	DOSE[2]	FILLER	
VITAMIN D3	II CLIMATIC ZONE / IV CLIMATIC ZONE		softgels with possibilty of fish gelatin	from 1000 IU to the maximum permissible dose	sunflower oil, MCT oil, olive oil, safflower oil, linseed oil, algae oil	
VITAMIN D3			twist-off	from 400 IU to the maximum permissible dose	sunflower oil, MCT oil, refined olive oil and extra virgin, safflower oil, linseed oil, algae oil	
VITAMIN D3	II CLIMATIC ZONE		chewable	from 800 IU to the maximum permissible dose	sunflower oil	
VITAMIN D3	IN PROGRESS	II CLIMATIC ZONE / IV CLIMATIC ZONE	drops	from 400 IU to the maximum permissible dose	MCT oil	
VITAMIN D3			spray	from 400 IU to the maximum permissible dose	MCT oil	
VEGAN VITAMIN D3	NEW		drops	from 1 000 IU to the maximum permissible dose	safflower oil	
VEGAN VITAMIN D3	NEW		spray	from 1 000 IU to the maximum permissible dose	safflower oil	

[1] According to Commision regulation (EU) No 432/2012. In view of the current epidemiological situation, a number of scientific studies have recently evaluated the benefits of vitamin D in the prevention and alleviation of the course of COVID-19 infection. A correlation has been found between vitamin D levels and the severity of the disease.

[2] The maximum permissible dose depends on the regulations of the country.

PRODUCT		STATUS	INGREDIENTS	
ALPHA LIPOIC ACID	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready / stability testing	fish oil TG, alpha lipoic acid, vitamin B12	
COENZYME Q10		ready	vitamin E, coenzyme Q10, selenium	
FOR EYES		ready	DHA, vitamin C, vitamin E, FloraGLO® lutein, zeaxanthin, zinc	
FOR IMMUNITY		ready	evening primrose oil, vitamin C, rutin, vitamin E	
OMEGA-3	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready	fish oil 10/50 TG	
OMEGA-3	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready	fish oil 18/12 TG	
OMEGA-3	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready	fish oil 33/22 TG	
EVENING PRIMROSE OIL	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready / stability testing	evening primrose oil	
FLAX SEED OIL		ready	flax seed oil	

PRODUCT		STATUS	INGREDIENTS	
OMEGA-3-6-9		ready	evening primrose oil, flax seed oil	
SHARK-LIVER OIL		ready	shark-liver oil, vitamin D3, vitamin A	
VITAMIN A+E	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready / stability testing	vitamin E, vitamin A	
VITAMIN E		ready	vitamin E	
VITAMIN K1		ready	vitamin K1	
VITAMIN K2		ready	vitamin K2	
VITAMIN K1+D3 TWIST-OFF		ready	vitamin K1, vitamin D3	
VITAMIN K2+D3	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready / stability testing	vitamin K2, vitamin D3	
280 DHA (Pregnancy)		ready	fish oil DHA 500 TG	
VITAMINS+DHA (Pregnancy)		ready	vitamin D3, folic acid, iron, iodine, (6S)5-MTHF glucosamine salt (Quatrefolic®), fish oil DHA (TG)	

MEDICAL DEVICES

CLASS[3]	PRODUCT	FORM	STATUS	APPLICATION	
Class III	**SIMETHICONE 80 mg**	softgels	ready	abdominal fullnes, bloating feeling, before USG	
Class III	**SIMETHICONE 240 mg**	softgels	ready	abdominal fullnes, bloating feeling, before USG	
Class I	**EAR OLIVE OIL**	spray	ready	hygiene and care of the ears for babies, children and adults	
Class I	**NASAL SESAME OIL**	spray	ready	oiling, moisturizing, coating of the nasal mucosa, which prevents excessive drying and soothes irritations, supports the regeneration of the nasal mucosa, supporting the proper function of mucociliary clearance	
Class I	**ICELANDIC MOSS**	syrup	ready	feel symptoms of a dry, irritative cough, feel an irritation and a sore throat, feel pain and burning while swallowing	

MEDICINAL PRODUCTS

PRODUCT	FORM	DOSE	CATEGORY[4]	DOSSIER AVAILABILITY
VITAMIN D3 (cholecalciferol)	softgels	4 000 IU	OTC	ready
VITAMIN D3 (cholecalciferol)	softgels	7 000 IU	OTC/Rx	ready
VITAMIN C (ascorbic acid) NEW	drops	100 mg/ml	OTC	under development

[3] Directive 93/42/EEC
[4] Status may vary depending on the laws of each country.

FOOD SUPPLEMENT

PRODUCT		STATUS	INGREDIENTS	
MCT OIL		ready	MCT oil	
MELATONIN SPRAY	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready / stability testing	melatonin	
PROBIOTICS DROPS	NEW	ready	freeze dried L. rhamnosus GG ATCC 53103	
PROBIOTICS DROPS		ready	microencapsulated L. rhamnosus GG ATCC 53103	
VITAMIN B12 SPRAY	II CLIMATIC ZONE / IV CLIMATIC ZONE	ready / stability testing	cyanocobalamin	
VITAMIN K2+D3 DROPS		ready	vitamin K2, vitamin D3	

COSMETICS

PRODUCT	STATUS	INGREDIENTS	APPLICATION	
CHLORHEKS PROTECT	ready	chlorhexidine 0.3%, phenoxyethanol	hand sanitizer; product with chlorhexidine which has antibacterial, antiviral, antifungal activity	
CHLORHEKS PROTECT SPRAY	ready	chlorhexidine 0.3%, phenoxyethanol	hand sanitizer; product with chlorhexidine which has antibacterial, antiviral, antifungal activity	
MULTI-ACTIVE SERUM	ready	castor oil, evening primose oil, borage oil, tea tree essential oil, vitamin A, vitamin E	for eyebrows, hair and nails needing deep nutrition and reparation	
MULTI-ACTIVE TWIST OFF	ready	castor oil, evening primose oil, borage oil, tea tree essential oil, vitamin A, vitamin E	for eyebrows, hair and nails needing deep nutrition and reparation	

PRODUCT	FORM	CATEGORY	INGREDIENTS
APETITE SYRUP	syrup	food supplement	Pimpinella anisum extract, Mentha piperita leaf extract, Cichorium intybus extract, Foeniculum vulgare extract, Citrus paradisi extract, B1, B2, B6, B3, folic acid, B5, B7, B12, C
CALCIUM SYRUP	syrup	food supplement	calcium, magnesium, vitamin D3, zinc, vitamin C, manganese, selenium
ENERGY B-COMPLEX	softgels	food supplement	ginseng extract and biotin, vitamins B12, B6, B5, B3, B2, B1 iron, folic acid
GARLIC + ZINC	softgels	food supplement	garlic extract, zinc
IMMUNITY SYRUP	syrup	food supplement	vitamin C, zinc, Garlic extract
LECITHINE	softgels	food supplement	soybean lecithin
MAGNESIUM SYRUP	syrup	food supplement	magnesium, vitamin B6
OMEGA SYRUP	syrup	food supplement	omega 3 acids, vitamin C, E, A, D3, B1, B2, B3, B5, B6, B7, B12, folic acid, zinc, selenium, iodine
PROSTATE	softgels	food supplement	saw palmetto extract
ICELANDIC MOSS SUCKABLE CAPSULE `NEW`	softgels	food supplement	icelandic moss, vitamin C
VITAMIN C DROPS	drops	food supplement	ascorbic acid
VITAMIN A+E	spray	food supplement	vitamin A, vitamin E
ZINC SYRUP	syrup	food supplement	zinc, vitamin C, B3, B5, A, B12, B6, B2, B1, B7, D3, folic acid, vitamin B6

Title of Laureate and the Golden Emblem award in the product category for "Vitamin D in various forms".

Title of Laureate and the Golden Emblem award in recognition of the highest quality of R&D services in the category of QI Services.

Title of Laureate and the Golden Emblem award in the category of Quality Management System.

Good Manufacturing Practice (GMP) is a system for ensuring that products are consistently produced and controlled according to quality standards.

CD MO

PACKAGING SOLUTIONS

CHC

Curtis Health Caps

Index

DESIGNATION	DESCRIPTION	PACKING STANDARD	EXAMPLE
GLASS BOTTLE	GLASS BOTTLE 10 ml, amber, thread DIN 18	Threaded glass bottle made of brown soda-lime-silicate glass, diameter: 25 mm, height: 53,6 mm	**label:** 26 x 75, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (cap with dropper): 30x30x93, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap + pippete): 46x46x93, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
	GLASS BOTTLE 20 ml, amber, thread DIN 18	Threaded glass bottle made of brown soda-lime-silicate glass, diameter: 28,8 mm, height: 75,7 mm	**label:** 38x84, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (cap with dropper): 32x32x110, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap + syringe): 35x35x110, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap + pippete): 46x46x110, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
	GLASS BOTTLE 30 ml, amber, thread DIN 18	Threaded glass bottle made of brown soda-lime-silicate glass, diameter: 32,4 mm, height: 79,3 mm	**label:** 44x92, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (cap with dropper): 41x41x90, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap + syringe): 41x41x110, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap + pippete): 46x46x110, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
	GLASS BOTTLE 125 ml, amber, thread DIN 28	Threaded glass bottle made of brown soda-lime-silicate glass, diameter: 49 mm, height: 114,9 mm	**label:** 45x140, white foil on a paper base, 4 colours, UV gloss varnish	
			unit box (child-proof cap): 52x52x125, alaska plus 255g/m², 4 colours CMYK, UV gloss varni	
			leaflet: 60g/m², 180 x 160	

DESIGNATION	DESCRIPTION	PACKING STANDARD	EXAMPLE
GLASS BOTTLE	GLASS BOTTLE 200 ml, amber, thread DIN 28	Threaded glass bottle made of brown soda-lime-silicate glass, diameter: 57 mm, height: 133,3 mm	**label:** 50x175, white foil on a paper base, 4 colours, UV gloss varnish	
			unit box (child-proof cap): 58x58x148, alaska plus 275g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap with dropper): 32x32x110, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
	GLASS BOTTLE 300 ml, amber, thread DIN 28	Threaded glass bottle made of brown soda-lime-silicate glass, diameter: 65,5 mm, height: 153,3 mm	**label:** 60x190, white foil on a paper base, 4 colours, UV gloss varnish	
			unit box (child-proof cap): 70x70x170, alaska plus 275g/m², 4 colours CMYK, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
PET BOTTLE	PET BOTTLE 50 ml, amber, thread DIN 28	PET bottle, brown color, diameter: 38 mm, height: 87,8 mm	**label:** 36x113, white foil on a paper base, 4 colours, UV gloss varnish	
			unit box (child-proof cap): 46x46x98, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap + syringe): 52x52x125, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
	PET BOTTLE 100 ml, amber, thread DIN 28	PET bottle, brown color, diameter: 46,1 mm height: 96,8 mm	**label:** 42x136, white foil on a paper base, 4 colours, UV gloss varnish	
			unit box (child-proof cap): 50x50x110, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish	
			unit box (cap + syringe): 52x52x125, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
	PET BOTTLE 120 ml, amber, thread DIN 28	PET bottle, brown color, diameter: 46,1 mm height: 113 mm	**label:** 36 x 130, white foil on a paper base, 4 colours, UV gloss varnish	
			unit box (child-proof cap): 52x52x125, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	

	DESIGNATION	DESCRIPTION	PACKING STANDARD	EXAMPLE
HDPE VIAL	**HDPE VIAL 15 ml, white**	High-density polyethylene vial, diameter: 25 mm, height: 54 mm	**label:** 30 x 75, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (snap-on pump + dermal dispenser): 30x30x93, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (snap on-pump + oral/ear dispenser): 41x41x87,5, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
	HDPE VIAL 30 ml, white	High-density polyethylene vial, diameter: 31 mm, height: 65,2 mm	**label:** 36x92, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (snap-on pump + oral/dermal/ear dispenser): 46x46x98, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish	
GLASS VIAL	**GLASS VIAL 10 ml, amber**	Glass vial made of brown soda-lime-silicate glass, diameter: 25,4 mm, height: 53,55 mm	**label:** 26x75, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (snap-on pump + dermal dispenser): 30x30x93, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (snap on-pump + oral/ear dispenser): 41x41x87,5, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
	GLASS VIAL 20 ml, amber	Glass vial made of brown soda-lime-silicate glass, diameter: 32 mm, height: 58 mm	**label:** 30 x 92, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (snap-on pump + dermal/oral dispenser): 41x41x87,5 alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (snap on-pump + ear dispenser): 46x46x93, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
	GLASS VIAL 30 ml, amber	Glass vial made of brown soda-lime-silicate glass, diameter: 36 mm, height: 62,8 mm	**label:** 30 x 100, white foil on a paper base, 4 colours, UV gloss varnish	
			leaflet: 60g/m², 180 x 160	
			unit box (snap-on pump + dermal dispenser): 46x46x93, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	
			unit box (snap on - pump + oral/ear dispenser): 46x46x98, alaska plus 235g/m², 4 colours CMYK, UV gloss varnish	

	DESIGNATION	DESCRIPTION	PACKING STANDARD	COMMENTS	EXAMPLE
STANDARD	**60 ml HDPE**	60 ml PE container, white color, diameter: 45,3 mm, height: 67 mm	**label:** 40x130, white foil on a paper base, 4 colours, UV gloss varnish	Containers made of high-density polyethylene are characterized by a high barrier to the permeability of oxygen and water vapor. White HDPE containers protect photosensitive products. As a standard, HDPE containers are packed in individual cardboard boxes, but at the customer's request, we can omit this component.	
			unit box (snap-on pump + dermal dispenser): 48,5x48,5x98, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish		
			leaflet: 60g/m² 120 x 160		
	75 ml HDPE	75 ml PE container, white color, diameter: 43 mm, height: 76 mm	**label:** 40x124, white foil on a paper base, 4 colours, UV gloss varnish		
			unit box: 48,5x48,5x98, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish		
			leaflet: 60g/m², 140 x 160		
	90 ml HDPE	90 ml PE container, white color, diameter: 45 mm, height: 91,4 mm	**label:** 55x130, white foil on a paper base, 4 colours, UV gloss varnish		
	100 ml HDPE	100 ml PE container, white color, diameter: 46,3 mm, height: 81,4 mm	**label:** 50x135, white foil on a paper base, 4 colours, UV gloss varnish		
			unit box: 50x50x90, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish		
			leaflet: 60g/m², 120 x 160		
	150 ml HDPE	150 ml PE container, white color, diameter: 52,5 mm, height: 88,4 mm	**label:** 55x162, white foil on a paper base, 4 colours, UV gloss varnish		
			unit box: 52x53x102, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish		
			leaflet: 60g/m², 120 x 160		
	75 ml HDPE	75 ml PE container, white color, diameter: 45 mm height: 67 mm	**label:** 43x135, white foil on a paper base, 4 colours, UV gloss varnish		
	100 ml glass	Glass container, brown, with a capacity of 100 ml, diameter: 43,3 mm height: 75,6 mm	**label:** 50x150, white foil on a paper base, 4 colours, UV gloss varnish		
			unit box: 52,5x52,5x102,5, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish		
			leaflet: 60g/m², 120 x 160		

PET CONTAINERS

DESIGNATION	DESCRIPTION	PACKING STANDARD	COMMENTS	EXAMPLE
75 ml PET	75 ml PET container, diameter: 45,2 mm, height: 82 mm.	**label:** 50x130, white foil on a paper base, 4 colours, UV gloss varnish	The manufacturer of PET packaging declares that it is possible to produce a given container in the following colors: transparent, white, brown, green, blue.	
100 ml PET	100 ml PET container, diameter: 47 mm, height: 86,2 mm	**label:** 55x135, white foil on a paper base, 4 colours, UV gloss varnish		
120 ml PET	120 ml PET container, diameter: 49 mm, height: 93,1 mm	**label:** 60x153, white foil on a paper base, 4 colours, UV gloss varnish		
150 ml PET	150 ml PET container, diameter: 50 mm, height: 105,5 mm	**label:** 60x153, white foil on a paper base, 4 colours, UV gloss varnish		
200 ml PET	200 ml PET container, diameter: 58,4 mm, height: 111 mm	Customized to Clients' needs		
300 ml PET	300 ml PET container, diameter: 69,1 mm, height: 113,8 mm	Customized to Clients' needs		
500 ml PET	500 ml PET container, diameter: 77,6 mm, height: 139,4 mm	Customized to Clients' needs		

CONTAINERS FOR MEDICINAL PRODUCTS

DESIGNATION	DESCRIPTION	PACKING STANDARD	COMMENTS	EXAMPLE
15 ml HDPE	15 ml PE container, white color, diameter: 35,7 mm, height: 46,3 mm	**label:** 11x108, white foil on a paper base, 4 colours, UV gloss varnish **unit box:** 50x50x80, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish **leaflet:** 60g/m², 120 x 160	Containers made of high-density polyethylene are characterized by a high barrier to the permeability of oxygen and water vapor. White HDPE containers protect photosensitive products. As a standard, HDPE containers are packed in individual cardboard boxes, but at the customer's request, we can omit this component. **Containers for packing dietary supplements and medical devices in the form of softgel capsules and medicinal products in the form of coated tablets.**	
35 ml HDPE	35 ml PE container, white color, diameter: 45 mm, height: 50,9 mm	**label:** 15x135, white foil on a paper base, 4 colours, UV gloss varnish **unit box:** 50x50x80, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish **leaflet:** 60g/m², 120 x 160		
60 ml HDPE	60 ml PE container, white color, diameter: 45 mm, height: 65,7 mm	**label:** 28x135, white foil on a paper base, 4 colours, UV gloss varnish **unit box:** 52,5x52,5x102,5, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish **leaflet:** 60g/m², 120 x 160		
75 ml HDPE	75 ml PE container, white color, diameter: 45 mm, height: 78,7 mm	**label:** 36x135, white foil on a paper base, 4 colours, UV gloss varnish **unit box:** 52,5x52,5x102,5, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish **leaflet:** 60g/m², 120 x 160		
100 ml HDPE	100 ml PE container, white color, diameter: 45,3 mm, height: 95,7 mm	**label:** 55x135, white foil on a paper base, 4 colours, UV gloss varnish **unit box:** 52x52x125, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish **leaflet:** 60g/m², 120 x 160		
150 ml HDPE	150 ml PE container, white color, diameter: 45,3 mm, height: 132,7 mm	**label:** 75x105, white foil on a paper base, 4 colours, UV gloss varnish **unit box:** 58x58x148, alaska plus 255g/m², 4 colours CMYK, UV gloss varnish **leaflet:** 60g/m², 120 x 160		

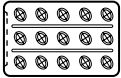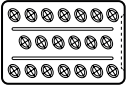| DESIGNATION		DESCRIPTION	COMMENTS	EXAMPLE
SNAP-ON PUMP WITH DISPENSER	**SNAP-ON PUMP**	Multi-material snap-on pumps for glass vials and HDPE vials, dose 50-200 µl, tube length adjusted to 10-30 ml vials		
	ORAL DISPENSER	Oral dispending actuator, spray, short, non folding, for pump snap-on	Dispensers are used water solutions, at the customer's request, we can check the possibility of using various oil products.	
	DERMAL DISPENSER	Dermal dispending actuator, drop, for snap-on pump		
	EAR DISPENSER	Ear dispending actuator, spray, for snap-on pump	Dispensers are used for both oil products and water solutions.	
	NASAL DISPENSER	Nasal dispending actuator, spray, for snap-on pump		
BOTTLE CLOSURES	**CHILD-PROOF CAP**	Child-proof cap with tamper evident ring, white, PFP 28	The child-proof cap fits our 50 ml-300 ml glass and PET bottles.	
	SCREW CAP PE with temper evident	Screw cap PE with temper evident ring, white, thread 18	Screw cap PE with tamper evident fits 10-30 ml glass bottles.	
	SCREW CAP with temper evident ring and dropper	Screw cap with temper evident ring and dropper, white, thread 18	Screw Cap PE with tamper evident fits 10-30 ml glass bottles, droppers can have different doses depending on customer preferences.	
CLOSURES FOR STANDARD CONTAINERS	**PE SCREW CAP with induction insert, thread 34.8**	PE cap, white, with an aluminum induction insert on a cardboard backing		
	PE SCREW CAP with induction insert	PE screw cap with induction insert, orange color		
	PP SCREW CAP with induction insert, thread 33	PP cap, white, with an aluminum induction insert on a polistyrene base		
	PE SCREW CAP with induction insert, thread 38	PE cap, white, with an aluminum induction insert on a cardboard backing		
	ALUMINUM SCREW CAP	Metal, silver cap with a polystyrene adhesive insert		
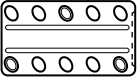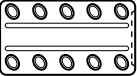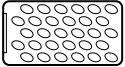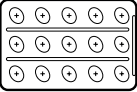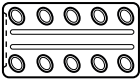
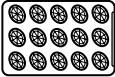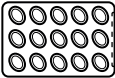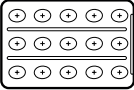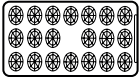| DESIGNATION		DESCRIPTION	COMMENTS	EXAMPLE
CLOSURES FOR PET CONTAINERS	**PP SCREW CAP with induction insert**	PP fi38 screw cap, with an AL induction insert, black		
	PP SCREW CAP with induction insert	PP fi38 screw cap, with an AL induction insert, white		
CLOSURES FOR CONTAINERS FOR MEDICAMENTOUS PRODUCTS	**SCREW CAP with induction liner and CRC system**	PP cap, white, with an aluminum induction insert on a cardboard backing, with temper evident ring		
	SCREW CAP with integrated desiccant, temper-evident ring and crc system	PP cap, white, with an aluminum induction insert on a cardboard backing, with temper evident ring, 4g desiccant		
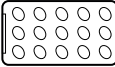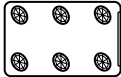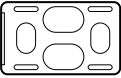
DESIGNATION	DESCRIPTION	EXAMPLE
MEASURING CUP 25 ml	Measuring cup, 25 ml, made of transparent polypropylene	
SYRINGE	syringe 5 ml, CE mark	
SYRINGE	syringe 2 ml, CE mark	
GLASS PIPETTE	Glass pipette, scale 1 ml, 73 mm	
GLASS PIPETTE	Glass pipette, scale 1 ml, 77 mm	
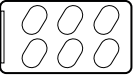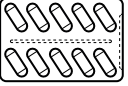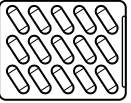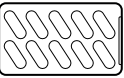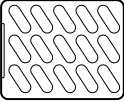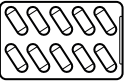
FORMAT	DIMENSION	THE NUMBER OF SLOTS IN THE BLISTER	TECHNICAL DRAWING
2 oval	56x120	5	
2 oval	66x120	15	
2 oval	66x120	20	
3 oval	56x120	3	
3 oval	56x120	10	
5 oval	66x120	30	
5-6 oval	66x120	15	
6 oval	56x120	10	

FORMAT	DIMENSION	THE NUMBER OF SLOTS IN THE BLISTER	TECHNICAL DRAWING
7,5 oval	56x120	15	
7,5-10 oval	56x120	15	
7,5-10 oval	66x120	15	
7,5-10 oval	66x120	20	
12 oval	66x120	15	
12-14 oval	56x120	6	
12-14 oval	66x120	15	
20 oval	45x70	2	

FORMAT	DIMENSION	THE NUMBER OF SLOTS IN THE BLISTER	TECHNICAL DRAWING
20 oval	56x102	6	
5 tube twist off	66x120	10	
5 tube twist off	66x120	15	
9 drop twist off	66x120	10	
8 oblong	66x120	15	
16 oblong	66x120	10	

Title of Laureate and the Golden Emblem award in the product category for "Vitamin D in various forms".

Title of Laureate and the Golden Emblem award in recognition of the highest quality of R&D services in the category of QI Services.

Title of Laureate and the Golden Emblem award in the category of Quality Management System.

Good Manufacturing Practice (GMP) is a system for ensuring that products are consistently produced and controlled according to quality standards.

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