

CONTRACT **MANUFACTURING SERVICES**













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1qhealth.com

Our Group Members

Member	Contact	Service
	Am Steinkreuz 12 95473 Creußen, Germany +49 (0) 9270 9916820 1Q-ABJ-contact@1qhealth.com abj-alive.com Founding Year 2010	CDMO for Food supplements Certifications: IFS, ISO, Organic Batch sizes: Medium to large Dosage form: Capsules
dronania PHARMACEUTICALS	Karl-Benz-Strasse 3 86825 Bad Wörishofen, Germany +49 (0) 8247 39070 1Q-DRO-contact@1qhealth.com dronania.de Founding Year 1927	CDMO for Pharmaceuticals & Food supplements Certifications: GMP, IFS, Organic Batch sizes: Medium to large Dosage forms: Capsules, liquids, tablets
HKS health solutions	Gewerbestrasse 32 5211 Lengau, Austria +43 (0) 6217 20 110 900 1Q-HKS-contact@1qhealth.com hks-health-solutions.at Founding Year 2006	CDMO for Food supplements FSSC, ISO, Organic Batch sizes: Small to medium Dosage forms: Capsules, liquids, powder



Ferdinand-Porsche-Strasse 5
79211 Denzlingen, Germany
+49 (0) 7666 902879
1Q-VIV-contact@1qhealth.com
vivacell.de
Founding Year 1999

CRO
In Vitro & Ex Vivo Studies
Proving health benefits,
biological activity, and safety of food
supplements and pharmaceutical products

Our promise - Your advantage

A strong group

We develop and produce food supplements and pharmaceutical products that guarantee the highest quality, safety and stability. Our manufacturing network stands for supply reliability and flexibility. You will profit from a big variety of technologies and expertise for a broad range of dosage forms (tablets, capsules, liquids, powders) within our group. We stand for consistent transfer of innovative concepts into successful products. 1Q Health understands the market, knows the trends and will be happy to accompany you on your journey. Our competence centers convince through decades of experience, commited employees and customer centric and agile approach.

Quality first

The "Q" in 1Q Health stands for quality, as it is at the core of everything we do. We only work with certified raw material suppliers. All our production facilities are GMP, IFS, FSSC, HACCP, BIO, or ISO certified. We also follow the health industry regulations carefully, improve our quality standards continuously and make adaptations if regulations or legal standards change. We keep our customers updated on such developments and suggest new formulations where needed.

One Stop Shop

We offer a wide spectrum of research and manufacturing services and act as a full-service provider with an ambitious on-time delivery. Our services do not end with the packaged product. We also support you in brand development and marketing via a wide range of distribution channels. We see ourselves as a digitally driven D²CDMO with many years of expertise in online business. We can further validate the health benefits of our customers' formulations through in-vitro and ex-vivo studies at our own research laboratory.













Formulation & Development

- Professional development and optimisation of your products
- Selection of ingredients
- Development of formulations
- More than 1000 ready-to-market formulations available

- Compliance with international standards
- Marketability tests
- Ensuring compliance with LMIV, FPackV and other laws and regulations
- Checking of health claims

Regulatory Affairs

In vitro and ex vivo models for testing

Quality Management

methods

materials

Stability studies

Microbiology

Cell Studies

Transfer and development of analytical

Testing of active ingredients and excipients

Testing of finished products and packaging

- Proving the health benefits, biological activity, and safety of products
- Complete research projects from basic R&D to pre-clinical studies

Manufacturing

- Manufacturing of pharmaceutical products and food supplements
- State-of-the-arts technologies
- Flexible order sizes
- Tablets, capsules, liquids, powder

Digital Brand Support

- Empovering the digital supply chain
- Building lasting online brands
- Fast market entry via web shop dropshipping and online campaigns
- D²CDMO (Digitally Driven CDMO)
- Analyzing market trends

Packaging

- Customized solutions
- Blister packs, folding boxes, bottles, sticks, pouches.
- Comprehensive support in complying with packaging regulations

White Label

- Over 80 developed and marketability-tested food supplements
- Permanent stock for over 40 products across various therapeutic categories

Logistics & Transport

- Solutions for the global market
- Maximum security and precision

Licensing Models

- Brands ready to distribute
- Successefully egistered trade marks
- Fast market entry

PRODUCT DEVELOPMENT & REGULATORY SUPPORT SERVICES

1Q Health

We support you in all stages of product development and optimisation for pharmaceutical products and food supplements:

- Selection of active ingredients
- Development of formulations
- Production of development batches including process validation



Private-label portfolio

SCOPE OF SERVICES

- Consultancy and product conception
- Constant monitoring of the markets
- Development of formulations
- Selection of suitable raw materials
- Production of samples
- Method development and validation
- Creation of documents for authorisation authorities
- Scale up
- Consideration of legal aspects
- Marketability test

THERAPEUTIC CATEGORIES

- Immunostimulation
- Mental health
- Diabetology
- Women's health
- Intestinal health
- Ophthalmology
- Gastroenterology
- Neurology
- Ear, nose and throat medicine
- and many more.

PRODUCT CATEGORIES

- Food supplements
- Pharmaceuticals
- Phytopharmaceuticals
- Medicinal products
- Cosmetics
- Homeopathic remedies
- Veterinary medicinal products

DOSAGE FORMS

- Tablets
- Powders
- Hard capsules
- Liquids
- Suspensions
- Sprays

The focus is on the customer

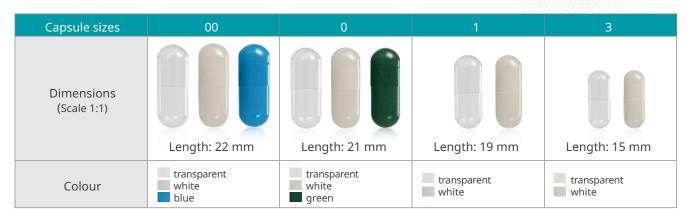
For your projects, you'll have a dedicated contact person guiding you through all stages and coordinating every step efficiently. Before commercial production of tablets and capsules, we offer small-scale trial production to ensure scalability. We maintain a quality laboratory and management department to ensure all pharmaceuticals, nutritional supplements, and medicinal products meet strict test specifications. We stay up to date with trends and continuously seek scientifical solutions that truly make a difference.

Raw material sourcing

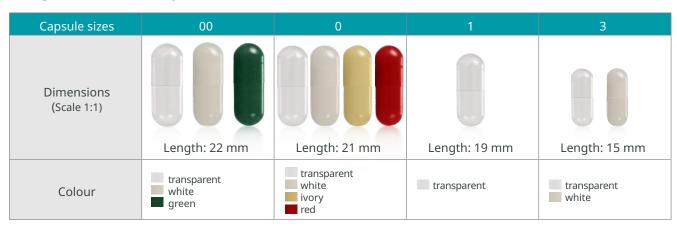
- Obtaining offers from international suppliers
- Procurement of high-quality raw materials
- Raw materials certificates

Capsules

Gelatine capsules



Vegetarian capsules





Typical capacities for capsules

Capsule sizes	00	0	1	3
Capacity (approximate) in mg	600-700 mg	400-500 mg	300-350 mg	200 mg

Acid resistant capsules



Certified vegan hard capsules with unique properties, which delay the release of their contents after being taken (clinically tested). Those capsules are comprised of the secondary plant compounds hydroxy-propyl methylcellulose (HPMC) and gellan gum. These promote digestion in the same way as fibre and are not absorbed by the body. Thanks to the use of plant compounds, they contain on average 6% less moisture than gelatine capsules.

As an alternative to the branded capsules with gellan, conventional acid-resistant capsules with pectin can be used. These also provide controlled dissolution, ensuring that the active ingredients get released and absorbed in the digestive tract.

ADVANTAGES

- Acid resistance and delayed release without additional coating agents.
- Improved stability for acid-sensitive, moisture-sensitive ingredients.
- Increased taste and odour masking of ingredients.
- Acid-resistant HPMC capsules are particularly effective for acid- and moisture-sensitive ingredients and improve stability and shelf-life.
- The capsules provide controlled dissolution, ensuring that the active ingredients get released and absorbed in the digestive tract.
- Ideal for protecting probiotics, enzymes and othersensitive ingredients.



Tablets

The tablet sizes vary between 7 - 19 mm in diameter and can be offered in oblong, biplanar or biconvex shapes. Whether bulk, blister packs or containers, we will be happy to advise you on possible packaging.

Ø (mm)	h (mm)	Shape
7	4	biconvex
9	6	biconvex
13	5	biplanar
13	5	biplanar with score
15	5,5	biplanar
19x10	6	oblong

The minimum order quantity is 400,000 tablets.



Powder

Contract mixing and filling of small and large quantities



The minimum order quantity depends on the type of packaging and the filling weight.

Liquids

We support every stage of your product development process, from initial concept to final production.

Laboratory Development

We bring your product ideas to life and develop formulations that are precisely tailored to meet your requirements, for small test batches or large-scale production.

Solubility Testing

We conduct extensive solubility studies to ensure that your products remain stable and effective under all conditions.

Flavor Profiling

Taste is a key element in the market acceptance of liquid products. Our team ensures that your product not only performs well but also tastes great.

Preservatives

The longevity of your products is essential. We offer expertise in selecting and applying the appropriate preservatives to ensure the quality and safety of your products.

Quality Controls

Measurement of density, pH value, drip and spray weight, as well as viscosity, to guarantee compliance with all specifications and industry standards.



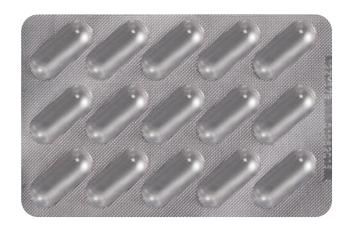




Blister packs



Shape 1



Shape 2



Shape 3

Dimensions	70 x 93 mm
Chamber height	8 mm
Capsule size	Size 0
Quantity of capsules	15 pcs
Blister print	Foil and cliché

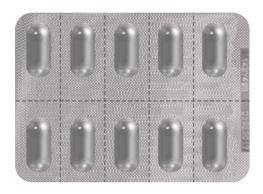
Folded box dimensions in mm						
Blister pack per box	without package insert (LxWxH)				packa t (LxW	
1	71	95	11	72	97	13
2	71	95	19	72	97	21
4	71	95	34	72	97	36
8	71	95	67	72	97	68

Dimensions	70 x 110 mm
Chamber height	8 mm
Capsule size	Size 0
Quantity of capsules	15 pcs.
Blister print	Shape 2: Foil and cliché Shape 2 NOAK: only foil

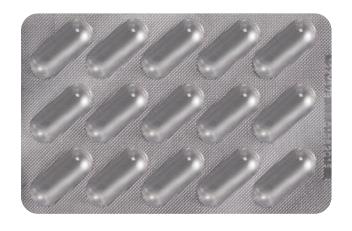
Folded box dimensions in mm							
Blister pack per box						package t (LxWxH)	
1	71	112	11	72	114	13	
2	71	112	19	72	114	21	
4	71	112	34	72	114	36	
8	71	112	67	72	114	68	

Dimensions	70 x 60 mm
Chamber height	8 mm
Capsule size	Size 0
Quantity of capsules	10 pcs
Blister print	Foil and cliché

Folded box dimensions in mm						
Blister pack per box		without package insert (LxWxH)			n packa rt (LxW	
1	61	72	11	62	74	13
2	61	72	19	62	74	21
4	61	72	34	62	74	36
8	61	72	67	62	74	68



Shape 4



Shape 5



Shape 6

Dimensions	61 x 84 mm
Chamber height	6 mm
Capsule size	Size 3
Quantity of capsules	10 pcs.
Blister print	only foil

Folded box dimensions in mm						
Blister pack per box		out pa ert (Lx\			h pack rt (Lx\	
1	62	86	9	63	88	11
2	62	86	15	63	88	17
4	62	86	26	63	88	28
8	62	86	51	63	88	53

Dimensions	70 x 110 mm
Chamber height	9,5 mm
Capsule size	Size 00
Quantity of capsules	15 pcs
Blister print	only foil

Folded box dimensions in mm						
Blister pack per box	1	without package with package insert (LxWxH) insert (LxWxH)				
1	71	71 112 12,5			114	14,5
2	71	112	20,5	72	114	22,5
4	71	112	35,5	72	114	37,5
8	71	112	68,5	72	114	69,5

Dimensions	70 x 60 mm
Chamber height	9,5 mm
Capsule size	Size 00
Quantity of capsules	10 pcs
Blister print	Foil and cliché

Folded box dimensions in mm						
Blister pack per box		out pa ert (Lx\		with package insert (LxWxH)		
1	61	61 72 12,5			74	14,5
2	61	72	20,5	62	74	22,5
4	61 72 35,5 62 74 37					37,5
8	61	72	68,5	62	74	69,5



Shape 7



Shape 8



Shape 9

Dimensions	70 x 60 mm
Chamber height	9,5 mm
Capsule size	Size 00
Quantity of capsules	10 pcs
Blister print	Foil and cliché

Folded box dimensions in mm							
Blister pack per box						h package ert (LxWxH)	
1	61	72	12,5	62	74	14,5	
2	61	72	20,5	62	74	22,5	
4	61	72	35,5	62	74	37,5	
8	61	72	68,5	62	74	69,5	

Dimensions	70 x 60 mm
Chamber height	8 mm
Capsule size	Size 0
Quantity of capsules	7 pcs
Blister print	Foil and cliché

Folded box dimensions in mm						
Blister pack per box	without package insert (LxWxH)			with package insert (LxWxH)		
1	61	72	11	62	74	13
2	61	72	19	62	74	21
4	61	72	34	62	74	36
8	61	72	67	62	74	68

Dimensions	70 x 60 mm
Chamber height	8 mm
	0
Capsule size	Size 0
Quantity of capsules	8 pcs
Blister print	Foil and cliché

Folded box dimensions in mm						
Blister pack per box	without package insert (LxWxH)			with package insert (LxWxH)		
1	61	72	11	62	74	13
2	61	72	19	62	74	21
4	61	72	34	62	74	36
8	61	72	67	62	74	68

Additional blister packs

Shape No.	Blister dimensions	Capsule size	Quantity of capsules	Chamber height (mm)
Shape 10	70 x 119	0	20	8,1
Shape 11	70 x 119	0	16	-
Shape 12	70 x 119	0	15, diagonal	8,2
Shape 13	64 x 116	1	15, diagonal	7,4
Shape 14	70 x 119	0	20	8,5
Shape 15	60 x 83	0/00	10	9,5
Shape 16	70 x 119	00	15	-

Film quality
PVC/PVDC
PVC





Package insert	Folded box dimensions LxWxH (mm)	Capsule size	Quantity of capsules Total	Quantity of blisters	Quantity capsules/blister
Yes	74x20x124	0	20	1	20
Yes	74x32x124	0	60	3	20
Yes	74x20x126	1	30	2	15
Yes	74x37x126	1	60	4	15
Yes	74x32x124	0	60	3	20
Yes	74x22x124	0	30	2	15
Yes	74x40x124	0	60	4	15
Yes	120x74x124	0	180	12	15

Tablet blister packs

Blister dimensions (mm)	Tablet size Ø	Quantity of tablets	Chamber height (mm)
58 x 98	9	15	5,45
70 x 119	oblong	15	-

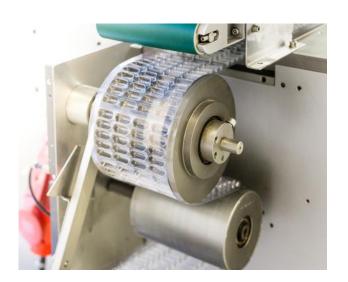
Tablet quality	
non-coated	

Please feel free to contact us if you have any questions about individual design options for your blister products.

Blister foil printing

Foil printing

Single-colour foil printing on the back of the blister pack. This in-house printing technique is intended for short runs and a printable template is required for the creation of the printing stamp.





Cliché printing

Single or multicolour cliché printing is suitable for larger quantities. Our printing partners produce the printed foil on rolls. Here, a printable template is required, too.

Packaging for liquids

We fill your liquids into bottles made from glass or plastic. We also offer various matching closures, such as dropper caps, pouring inserts and pipettes. The capacity of the bottles and containers is between 10 ml and 250 ml.

Bottle formats	10 ml	20 ml	30 ml	50 ml	100 ml	250 ml
Dropper	X	х	х	х	х	
Pump spray		х	х			
Glass pipette			х	Х		
Pouring ring					Х	Х
Shot	х	Х				





The minimum order quantity is 500 bottles.

Glass bottles

Light-inhibiting amber glass is suitable for a wide range of pharmacy products and dietary supplements. The exclusive violet glass series adds special accents with its sophisticated look and, like amber glass, offers optimal protection for the contents.

Container sizes	Max. c	apsule quant 0	ity with capsu 1	le sizes 3	Max. label size
		Violet glass ir	ıcluding closu	re and safegu	uard
100 ml	60	70	90	180	140 mm x 65 mm
150 ml	77	90	150	250	170 mm x 65 mm
250 ml	120	180	240	450	223 mm x 65 mm
			Amber glas	SS	
100 ml	60	70	90	180	150 mm x 50 mm
175 ml	90	120	150	290	173 mm x 65 mm
250 ml	120	180	240	450	195 mm x 66 mm

Other models available on request

We will be happy to advise you on the selection of sustainable, resource-friendly packaging.



Plastic bottles



Container sizes	Colours	Diameter	Height	Height with lid	Item No.
40 ml	white	42 mm	54 mm	56 mm	R001740
100 ml	white	51 mm	78 mm	80 mm	R000362
150 ml	white	59 mm	82 mm	84 mm	R000363
250 ml	white	59 mm	112 mm	114 mm	R000364
500 ml	white	75 mm	142 mm	145 mm	R000440
1000 ml	white	98 mm	162 mm	165 mm	R001537

Securipac closures

Closures	Colours	Diameter	Height	suitable for	Item No.
-)	white	32 mm	15 mm	40 ml container	R001742
	white	42 mm	16 mm	100 ml container 150 ml container 250 ml container	R000365
	white	53 mm	18 mm	500 ml container	R000443
	white	98 mm	24 mm	1000 ml container	R000442



Container sizes	Colours	Diameter	Height	Height with lid	Item No.
60	blue	20		74	R985167
60 ml	brown	39 mm	70 mm	71 mm	R001477
	blue				R000435
400 1	brown	47	85 mm	88 mm	R000554
100 ml	green	47 mm			R000479
	white				R000858
120	blue	40	90 mm	93 mm	R00l715
120 ml	green	49 mm			R001719
	blue				R000436
150 ml	brown	F0 mm	102 mm	10F mm	R000555
150 ml	green	50 mm	103 mm	105 mm	R000480
	white				R001213

PET Packer induction closures

Closures	Colours	Internal - Ø	External - Ø	Height	suitable for	Item No.
	white (ribbed)	33 mm	35 mm	11 mm	60 ml container	R003006
	white (ribbed)	38 mm	40 mm	11 mm	100 ml container 150 ml container	R001605
	black (ribbed)	38 mm	40 mm	11 mm	100 ml container 150 ml container	R001607
	silver (smooth)	38 mm	41 mm	11 mm	100 ml container 150 ml container	R001780
	white (ribbed)	45 mm	47 mm	11 mm	200 ml container 250 ml container 500 ml container	R001606
	black (ribbed)	45 mm	47 mm	11 mm	200 ml container 250 ml container 500 ml container	R001608
	silver (smooth)	45 mm	48 mm	11 mm	200 ml container 250 ml container 500 ml container	R001974
	white (ribbed)	53 mm	57 mm	11 mm	600 ml container	R001801

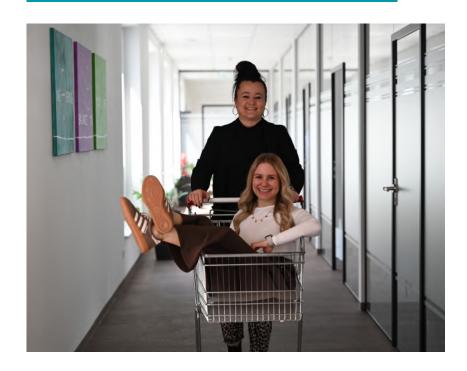






Container sizes	Colours	Diameter	Height	Height with lid	Item No.
200 1	blue	58 mm	108 mm	110 mm	R001108
200 ml	white	60 mm	106 mm	109 mm	R001973
	blue				R000437
2501	250 ml brown green	64 mm	110 mm	113 mm	R000566
250 mi					R000481
	white				R000859
	blue		10-		R000438
500 ml	500 ml brown	78 mm	125 mm	128 mm	R001446
600 ml	blau	80 mm	150 mm	153 mm	R001802

You haven't found the right packaging material yet?
Our purchasing department will find it for you!



Stick packs

	Specifications
Film material	Alu composite film or coated, heat sealable paper
Pouch dimensions	Length: approx. 75-135 mm Width: approx. 25 mm or approx. 40 mm
Print two-line	1st line: Batch/name (max. 23 characters) 2nd line: Date



The minimum order quantity is 6,000 sticks

Liquids and powder formulations in a stick pack

This dosage form, which can be used in many areas of application, is fully in keeping with current trends and impresses with the possibility of individual size adjustment and good dosing of the respective daily allowance. We offer you a complete service, from flavour development and filling to packaging.

Processing of free-flowing granulate in powder form and liquids

The film is fed in via a roller mechanism and shaped into a precise stick shape. The sticks are filled from the filling container via a screw conveyor. In the same working step, the stick is then automatically closed with the longitudinal seal head system.

Closure options

- Bottle neck perforation: recommended for liquids
- Tear cut: Stick lasering recommended for powder (print mark controlling required)



Stand-up pouches

High-quality stand-up pouches are available in various versions and colours. These can naturally be printed according to your preferences. All organic stand-up pouches are certified in accordance with standard DIN EN 13432.



Stand-up pouches
with and without windows
from 100 ml to 5000 ml
Kraft brown
Thickness: 117 μm
Film composite: Kraft paper / alu / CPP

Organic stand-up pouches
with and without windows
500 ml, additional sizes available on request
500 ml, additional sizes available on request
Thickness: 130 µm
Film composite: Kraft paper / PLA

High-quality packaging design for your individual creations

The design of your product is in good hands with us. Our qualified graphic designers will create individual labels, folding boxes and much more. We will take care of your printing order and have it produced by our long-standing printing partners.

- Labels
- Folding boxes
- Stand-up pouches
- Product packaging
- Product visualisations
- Our regulatory team ensures compliance according to the pharma and food regulation (mandatory information on labels, etc.)



Market ready Food Supplements "To Go"

White label products are fully developed and marketability-tested food supplements that you can offer under your brand. In the dynamic world of dietary supplements, it is crucial to react quickly and flexibly to market trends. A white label approach allows companies to distribute capsules and tablets without having to redesign the entire development process from scratch. If you previously thought that starting or expanding a product line was a lengthy and costly process, we offer you a fast and cost-effective alternative.

Reasons for White Label

Fast market access

With already developed formulations, you can start immediately and address your target group.

Lower financial risk

You invest less in research and development and you can concentrate on marketing and sales.

Flexibility

You can test different products and find out what works best for your target group.

We offer over 80 market-ready formulations and maintain a permanent stock of more than 30 formulations across various therapeutic categories:

- Immunostimulation
- Diabetology
- Women's Health
- Intestinal Health
- Gastroenterology
- Neurology
- Ear, Nose, and Throat Medicine
- Sleep Support
- and many more.

DOWNLOAD PRODUCT LIST









Licensing Models

Our licensing models are designed to enable brands to achieve rapid and efficient market presence. We offer tailored solutions that allow brands to leverage ready-to-distribute products while benefiting from our registered trademarks. This not only accelerates market entry but also ensures the maintenance of brand quality and authenticity. With our licensing models, we guarantee seamless integration into existing distribution channels, enabling our partners to expand quickly and with minimal risk.

Scientific validation to support health claims

As a one-stop shop, we offer comprehensive in vitro and ex vivo research services for your nutraceuticals, pharmaceutical products, dietary supplements, natural products, as well as cosmetics and oral care products. Our services range from preclinical cell and tissue studies, through (pre-)clinical trials and registration studies, to marketing studies. The aim of these studies is to scientifically demonstrate the health benefits and, consequently, the quality of your products for human use. This provides a significant competitive advantage for you and your products.

The benefits of cell studies

- Use our cell studies to evaluate the efficacy and the health benefits of your products.
- Demonstrate your products' high quality and set them apart from untested products.
- Custom research models and protocols for your needs and indications.
- Standardised and/or customer-specific protocols using a variety of in vitro and ex vivo systems.
- Cell studies take from 1-2 weeks to 3-6 months
- All ingredients and additives can be tested in solid or liquid form.

The highest standards of competence and scientific expertise





Our team of specialists are highly qualified in cellular and molecular biology. Their expertise covers the fields of cell research, immunology, inflammatory diseases and the metabolism as well as the development of active ingredients. We have established a large number of cellular models for all health-relevant areas of application and led many drug and extract development projects. More than 230 scientific publications, an h-index of 74 and rigorous scientific standards are proof of our expertise.

Digital Brand Support

We call ourselves digitally driven (D²CDMO) as we don't just make quality products; we build lasting online brands. Through our successful food and medicinal mushroom supplement brand and expertise in digital marketing, we can help supplement brands grow via various customized digital marketing strategies from brand building and influencer scouting to online store creation. We screen the market in real time to identify trends and to guide our customers towards by offering them teaser packages. Our CDMO clients benefit from tailored, ready-to-market products before trends hit the shelves.

ONLINE SHOP

We set up your online shop in just two weeks and provide the necessary infrastructure for shipping your products

INFLUENCER MARKETING

We have a huge network and can help you find the perfect influencer for you

SEO / SEA

We develop targeted strategies and campaigns to ensure immediate visibility and high ROI

PRODUCT PLACEMENT

We assist with market entry via drop shipping, delivery to customer warehouses or directly to Amazon

Logistics

On request, we will take care of all logistical processes and offer customer-specific solutions. We store, pick, ship and take care of any complaints on your behalf.

In cooperation with our logistics partners, we guarantee secure, on-time delivery. With us, your goods reach their destination without any detours.

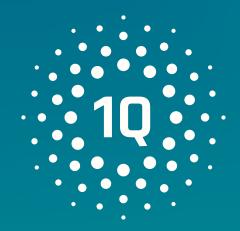




Fulfillment

Our broad customer base profit from our all-in-one solution.

- Warehousing, logistics and drop shipping: We ensure efficient and on-time delivery to you or to your customers.
- · Order picking, customs clearance and returns management.



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