



Nextgen **bioactive compounds** and **nutraceuticals**



SIBIOTECH is a biotechnology company specialising in the extraction and research of biologically active compounds, and in the production of pharmaconutritional products.

SIBIOTECH is a subsidiary of a company with over 25 years of experience in clinical research for pharmaceuticals and medical devices.



SIBIOTECH has been applying innovative technologies, including:

- supercritical CO₂ extraction to obtain highly concentrated bioactive compounds
- microalgae cultivation in closed photobioreactor systems
- softgel encapsulation in veggie shells

Using advanced supercritical CO₂ extraction, we are able to obtain:

- highly concentrated botanical and microalgae extracts
- high potency and microbiologically stable active compounds

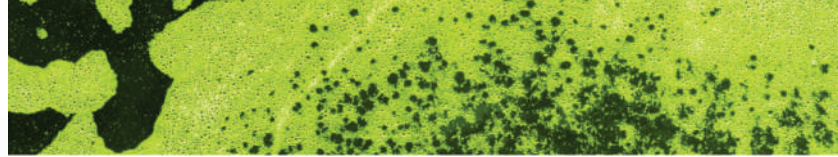
We also provide in-house production of veggie softgel capsules

- maintaining full control over quality and formulation



Supercritical CO₂ extraction:

- ✔ “solvent-free”, safe, gentle, and sustainable technology
- ✔ highly concentrated extracts (tunable for target compounds)
- ✔ natural chemical form (no chemical modification)
- ✔ oxygen-free environment (no risk of oxidation during extraction)
- ✔ relatively low temperatures (no risk of compound degradation)
- ✔ high extraction pressure contributes to outstanding microbiological stability
- ✔ no co-extracted impurities (e.g. heavy metals, ash, or unwanted residues)

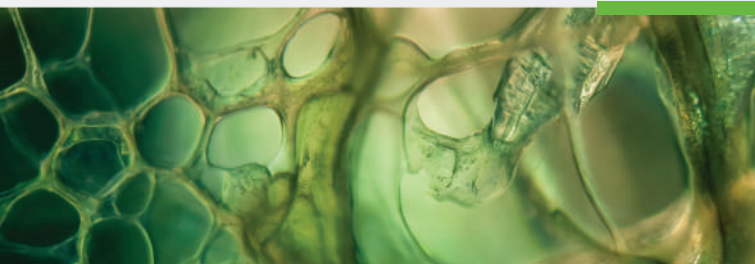


SOFTGEL Encapsulation:

- ✔ encapsulation of various capsule sizes, tailored to formulation needs
- ✔ use of high-quality raw materials to ensure product consistency and purity
- ✔ production of plant-based softgel capsules, suitable for vegans
- ✔ controlled in-house process ensuring quality, safety, and reproducibility

Microalgae cultivation in closed photobioreactor systems:

- ✔ standardized and consistent conditions for every batch
- ✔ predictable and reproducible bioactive compound profiles
- ✔ continuous cultivation 24/7, 365 days a year





Bioactive ingredients:

Active substances per	1 capsule	2 capsules	NRV**
Algae oil from microalgae <i>Schizochytrium</i> sp., containing:	825 mg	1650 mg	***
EPA (Eicosapentaenoic acid, Omega-3 fatty acid)	300 mg	600 mg	***
DHA (Docosahexaenoic acid, Omega-3 fatty acid)	200 mg	400 mg	***
D-alpha-tocopherol acetate, equivalent to Vitamin E	4 mg α-TE	8 mg α-TE	67 %

**NRV – Nutrient Reference Value

*** NRV not established

algae oil

NOVOMEGATM

For cardiovascular health, brain support & cellular protection

Contains **vitamin E**

Algae oil from microalgae *Schizochytrium* sp. rich in EPA, DHA.

Highly concentrated microalgae oil, rich in Omega-3 fatty acids EPA and DHA, supports normal heart function and brain health while contributing to the reduction of inflammation and integrity of cell membranes. A pure, plant-based source of Omega-3 for everyday wellbeing. A daily dose of 2 capsules provides 1000 mg of EPA and DHA (Omega-3).



PRODUCTS - NOVOMEGA

✓ No artificial colourants

✓ GMO free

✓ No organic solvents



Bioactive ingredients:

	1 capsule	2 capsules
Valerian root extract:	15 mg	30 mg
• Valeric acid:	0.8 mg	1.6 mg
Hops cone extract:	20 mg	40 mg
• Humulone:	9 mg	18 mg
• Lupulone:	5 mg	10 mg
Lemon balm leaf extract:	15 mg	30 mg
Hemp seed oil:	245 mg	490 mg

valerian • melissa • hops • hemp

SEDOXAN®

For calmness, sleep & well-being

Highly concentrated and potent CO₂ extracts of valerian (standardised to valeric acid), lemon balm and hops (standardised to humulones and lupulones), in hemp seed oil helps promote calmness, emotional balance, and restful sleep. This plant-based formulation supports the nervous system's natural ability to relax and recover.

Highly concentrated botanical extracts obtained using supercritical CO₂ • Melatonin-Free



PRODUCTS - SEDOXAN

✓ No artificial colourants

✓ GMO free

✓ No organic solvents



Bioactive ingredients:

Per capsule

Turmeric root (<i>Curcuma longa</i>) extract, containing: Turmerones	50 mg 35 mg
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Ginger root (<i>Zingiber officinale</i>) extract, containing: Gingerols	25 mg 10 mg
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Sea buckthorn berry oil (<i>Hippophae rhamnoides</i>)	225 mg
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turmeric · ginger root · sea buckthorn

IMMYOO®

For immune support & vitality

A synergistic blend of concentrated ginger, turmeric extracts and sea buckthorn oil, offers natural support and strengthening for immune system function, energy and vitality.



PRODUCTS - IMMYOO

✓ No artificial colourants

✓ GMO free

✓ No organic solvents

sea buckthorn seed oil 

HIPPOCOR[®]

For cardiovascular health & immune system

Contains **beta-sitosterol**, vitamin E and Omega 3 • 6 • 9

Highly concentrated bioactive compounds extracted using supercritical CO₂

A PILOT STUDY* OF HIPPOCOR[®]

86 patients were included in the HIPPOCOR[®] observation study, patients were using the product for 90 days (2000 mg per day or two softgels). After a 3-month follow-up, it has been observed that there is a statistically significant reduction of:

*Effects of a Novel Hippophae rhamnoides L. Seed Lipid Extract Formulation Obtained via Supercritical Carbon Dioxide Extraction on Reducing Residual Cardiovascular Risk in High-Risk Patients: A Pilot Study. More information about the clinical trial: www.sibiotech.com

Bioactive ingredients:

	1 capsule	2 capsules	NRV**
Sea buckthorn seed oil (<i>Hippophae rhamnoides</i>), containing:	850 mg	1700 mg	
Linoleic acid (Omega-6 fatty acid)	330 mg	660 mg	***
Alpha-linolenic acid (Omega-3 fatty acid)	260 mg	520 mg	***
Oleic acid (Omega-9 fatty acid)	150 mg	300 mg	***
Beta-sitosterol	10 mg	20 mg	***
Vitamin E (alpha-tocopherol)	1.8 mg	3.6 mg	33%

**NRV – Nutrient Reference Value

*** NRV not established

One capsule = approx. 50 g of sea buckthorn berries

Risk factor	Reduction after 90 days
Systolic blood pressure SBP	2,9 mmHg
Low-density lipoprotein cholesterol LDL	0,3 mmol/l
C-reactive protein CRP	1,0 mg/l



PRODUCTS - HIPPOCOR

 No artificial colourants

 GMO free

 No organic solvents



Bioactive ingredients:

Active substances per	1 capsule	2 capsules	NRV**
Algae oil from microalgae <i>Schizochytrium sp.</i> , containing:	410 mg	820 mg	***
EPA (Eicosapentaenoic acid, Omega-3 fatty acid)	150 mg	300 mg	***
DHA (Docosahexaenoic acid, Omega-3 fatty acid)	100 mg	200 mg	***
Sea buckthorn (<i>Hippophae rhamnoides</i>) berry oil, containing:	295 mg	590 mg	***
Palmitoleic acid (Omega-7 fatty acid)	110 mg	220 mg	***
Beta-carotene, equivalent to Vitamin A	80 µg RE	160 µg RE	20%
Flaxseed (<i>Linum usitatissimum</i>) oil, containing:	90 mg	180 mg	***
Alpha-linolenic acid (Omega-3 fatty acid)	50 mg	100 mg	***
D-alpha-tocopherol acetate, equivalent to Vitamin E	4 mg α-TE	8 mg α-TE	67%

**NRV – Nutrient Reference Value

*** NRV not established

algae and sea buckthorn oil

ALLOMEGATM

For cardiovascular health, immune support & cellular protection

Contains **vitamin A & E**

A unique combination of microalgae (*Schizochytrium sp.*) and sea buckthorn oils provides EPA, DHA, and ALA–Omega-3 fatty acids, as well as Omega-7 fatty acids, supporting heart health, immune function, and cellular protection. Natural antioxidants help to reduce inflammation in the body. The three main Omega-3 fatty acids are provided in a selected ratio of EPA 3 : DHA 2 : ALA 1, delivering a total of 600 mg per daily intake.

Highly concentrated bioactive compounds extracted using supercritical CO₂

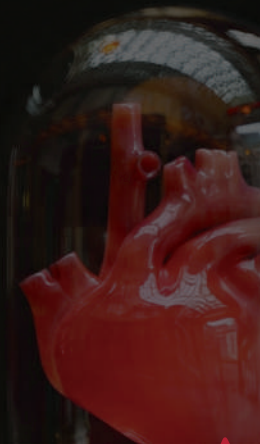


PRODUCTS - ALLOMEGA

✓ No artificial colourants

✓ GMO free

✓ No organic solvents



sea buckthorn berry oil

SIBERRY®

**For cardiovascular health,
skin & metabolism**

Contains **beta-sitosterol** + vitamin **A & E**,
natural **polyphenols**.

Bioactive ingredients:

Active substances per	1 capsule	2 capsules	NRV**
Sea buckthorn seed oil	775 mg	1550 mg	
(<i>Hippophae rhamnoides</i>), containing:			
Palmitoleic acid (Omega-7 fatty acid)	90 mg	180 mg	***
Alpha-linolenic acid (Omega-3 fatty acid)	200 mg	400 mg	***
Linoleic acid (Omega-6 fatty acid)	230 mg	460 mg	***
Oleic acid (Omega-9 fatty acid)	85 mg	170 mg	***
Beta-sitosterol	6 mg	12 mg	***
Beta-carotene, equivalent to Vitamin A	210 µg RE	420 µg RE	74%
D-alpha-tocopherol, equivalent to Vitamin E	3,5 mg α-TE	7 mg α-TE	64%
Total polyphenols	0.6 mg	1.2 mg	***

**NRV – Nutrient Reference Value

*** NRV not established

Sea buckthorn berry oil is naturally rich in Omega-7, Omega-3, Omega-6 and Omega-9 fatty acids, beta-sitosterol, vitamins A and E. It supports cardiovascular health while contributing to skin vitality and metabolic balance.

Highly concentrated bioactive compounds
extracted using supercritical CO₂



PRODUCTS - SIBERRY

✓ No artificial colourants

✓ GMO free

✓ No organic solvents

New Products

Magnesium

*for nervous
system function,
reduction of
tiredness
and fatigue.*

Magnesium + Vitamin D2
and Vitamin K3

For daily focus.

#1

Lion's Mane supercritical CO₂ extract

(standardised to
hericenones)
with Vitamin D2.

#2



Contract Development and Manufacturing

We offer a range of flexible partnership opportunities, including contract development and manufacturing services tailored to your needs:

Encapsulation of your ingredients

- in vegan or animal-based softgel capsules
- available in small and medium batch sizes

Extraction of bioactive compounds

- from natural raw materials
using supercritical CO₂

Custom manufacturing solutions

- based on your specific requirements



Contact our team to discuss
your project and learn more
about our capabilities:

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www.sibiotech.com

 @sibiotech

síbiotech®

“Life well spent is long”

Leonardo Da Vinci

Learn more

