



SIRIO
TASTE THE DIFFERENCE™

Plantegrity®

Plant-Based. Built to Perform.

what is

Plantegrity®

SIRIO's patented plant-based softgel technology is crafted for a broader market appeal and offers reliable performance under heat and humidity, all in a clean-label, vegan-friendly capsule.

With over 500 million softgels commercialized and 13 patents across 4 countries, Plantegrity® is more than a capsule. It's a promise of superior performance, innovation, quality, and care for both people and the planet. It's the next generation of supplements that will help you stand out and win with today's consumers.

Four shell generations for your next product launch:



Carrageenan & Corn Starch Shell

- ✓ Carrageenan from sustainable red algae
- ✓ Soft and transparent shell



EnteriClear® Enteric Vegan Shell

- ✓ Sustainable and environmentally friendly gellan gum shell source
- ✓ Clean label: One-step technology with no extra coating
- ✓ Optimal digestive comfort: no burps, no aftertaste, no heartburn



Chewable Shell

- ✓ Sustainable carrageenan shell sourced from red algae
- ✓ Delicious taste and chewy texture
- ✓ No water needed, easy to swallow
- ✓ Suitable for both children and adults



Gellan Gum & Corn Starch Shell

- ✓ Gellan gum from naturally- fermented polysaccharide
- ✓ Sustainable and environmentally friendly shell source
- ✓ Translucent and silky shell



TASTE THE DIFFERENCE™

Choose the right Plantegrity® for you:	Carrageenan	Gellan Gum
SOURCE	Extracted from red seaweed	Fermented polysaccharide from <i>Pseudomonas elodea</i> (DSMZ 3384)
HEAT RESISTANCE	Excellent – better than gelatin	Excellent – even in high humidity
HUMIDITY RESISTANCE	Very good	Excellent
STICKINESS/SWALLOWBILITY	Low stickiness, good mouthfeel	Very low stickiness – smoother surface, easier to swallow
TRANSPORT PERFORMANCE	Stable without cold chain, ideal for transportation and storage under high temperature	Same as carrageenan
STABILITY WITH OILS	Strong oxidative stability (oxidation resistance over time)	Same as carrageenan
FORMATS	Swallowable or chewable	Swallowable, chewable, or enteric
PATENT COVERAGE	Covered under several SIRIO patents	Covered under global patents including film-forming and enteric technologies
PHYSICAL APPEARANCE	Soft and transparent shell	Translucent and silky shell

Get to market faster with our ready-to-go Plantegrity® formulations. Discover them there.

PRODUCT LIST

Ready-to-go concepts from our campus in Germany:

Product Name	Code	Size	Colour	Shell Texture	Main Active Ingredients	Category
Algae Oil Vegan Softgel (150/300 TG)	5013303	20 Oblong	Natural	Carrageenan	Algae Oil (150/300 TG) 1000mg, providing 150mg EPA and 310mg DHA	Heart Health
Algae Oil Vegan Softgel (150/300 TG)	5013307	10 Oval	Natural	Gellan Gum	Algae Oil (150/300 TG) 554mg, providing 83mg EPA and 171mg DHA	Heart Health
Algae Oil Vegan Softgel (200/400 TG)	5013314	10 Oval	Natural	Carrageenan	Algae Oil (200/400 TG) 525mg, providing 105mg EPA, 210mg DHA and 341mg total Omega 3	Heart Health
Algae Oil Vegan Softgel (400 DHATG)	5013338	10 Oval	Natural	Gellan Gum	Algae Oil (400 DHATG) 561mg, providing 230 mg DHA	Heart Health
Algae Oil Vegan Softgel (500 DHATG)	5013316	10 Oval	Natural	Carrageenan	Algae Oil (500 DHATG) 500mg, providing 5mg EPA and 250mg DHA	Heart Health
CoQ10 Vegan Softgel	5013313	10 Oval	Red-brown opaque	Carrageenan	Ubiquinone 100 mg	Heart Health
Vitamin D3 & K2 Vegan Softgel	5013319	5 Oval	Natural	Carrageenan	Vitamin K2 90µg , Vitamin D3 3000IU	Joint & Bone
Vitamin D3 & K2 Vegan Softgel	5013318	10 Oval	Natural	Gellan Gum	Vitamin K2 90µg, Vitamin D3 3000IU	Joint & Bone
Algae Oil & Vitamin D Vegan Softgel	5013337	20 Oblong	Natural	Gellan Gum	Algae Oil (150/300 TG) 1000mg, providing 150mg EPA and 310mg DHA, Vitamin D3 10 µg	Joint & Bone
Vitamin E Vegan Softgel	5013320	20 Oblong	Natural	Gellan Gum	Approx. 160 mg RRR-a-TE (Batch related)	Beauty from Within
Seabuckthorn Oil Vegan Softgel	5013315	10 Oval	Natural	Carrageenan	Seabuckthorn Oil 500mg, providing 146mg Palmitoleic Acid	Beauty from Within
Algae Oil & Antioxidants Vegan Softgel	5013339	10 Oval	Natural	Carrageenan	Algae Oil (400 DHATG) 397mg, providing 162mg DHA, Astaxanthin 8mg, RRR-a-TE 12 mg	Beauty from Within
Vision Support Vegan Softgel	5013324	10 Oval	Red-brown opaque	Carrageenan	Zeaxanthin 2 mg, Lutein 10 mg, Vitamin D3 5 µg, Zinc 10 mg, Vitamin C 180 mg, RRR-a-TE 20 mg, Copper 1 mg	Vision Support
Beta Carotene Vegan Softgel	5013321	10 Oval	Natural	Carrageenan	Beta Carotene 3.5 mg	Vision Support
Oregano Oil Vegan Softgel	5013317	10 Oval	Natural	Gellan Gum	Oregano Oil 156mg	Digestive Health

Ready-to-go concepts from our campus in China:

Product Name	Code	Size	Colour	Shell Texture	Main Active Ingredients	Category
Sea Buckthorn Vegan Softgel	400037605	20 Oblong	Natural	Gellan Gum	Sea Buckthorn Fruit Oil 1000mg, providing 300mg Palmitoleic Acid, 60mg Linoleic Acid and 200mg Oleic Acid	Beauty from Within
Aloe Vera Vegan Softgel	400038295	31 Oblong	Customisable	Carrageenan	Aloe Vera Gel Freeze Dried Powder (200:1) 25mg	Beauty from Within
Aloe Vera Vegan Softgel	400038329	20 Oblong	Customisable	Gellan Gum	Aloe Vera Gel Freeze Dried Powder (200:1) 25mg	Beauty from Within
Biotin Vegan Softgel	400038066	6 Oval	Customisable	Carrageenan	Biotin 1000 ug	Beauty from Within
Biotin Vegan Softgel	400038187	4 Oval	Customisable	Gellan Gum	Biotin 1000 ug	Beauty from Within
Algae Oil & Evening Primrose Oil Vegan Softgel (150/300 TG)	400035307	15 Oval	Natural	Gellan Gum	Algae Oil (150/300 TG) 340mg, providing 51mg EPA and 102mg DHA, Virgin Olive Oil 258mg, Evening Primrose Oil 30mg, Conjugated Linoleic Acid 28mg, providing CLA 22mg, 3.35mg α-TE	Women' Health
Flaxseed Oil Vegan Softgel	300009696	20 Oblong	Natural	Gellan Gum	Organic Flaxseed Oil 1000mg, providing 500mg ALA, 120mg LA and 150mg OA	Women' Health
Evening Primrose Oil & Borage Oil Vegan Softgel	300009888	10 Oval	Natural	Gellan Gum	Evening Primrose Oil 250mg and Borage Oil 250mg, providing a total of 75mg GLA	Women' Health
Evening Primrose Oil Vegan Softgel	400037185	10 Oval	Natural	Gellan Gum	Evening Primrose Oil 500mg providing GLA 50mg and LA 350mg, Vitamin E (as DL-alpha-tocopheryl acetate) providing 3 mg a-TE	Women' Health
Folic Acid Vegan Softgel	400038067	6 Oval	Customisable	Carrageenan	Folic Acid 0.5mg	Women' Health
Folic Acid Vegan Softgel	400038185	4 Oval	Customisable	Gellan Gum	Folic Acid 0.5mg	Women' Health
Algae Oil Vegan Softgel (150/300 TG)	400027397	10 Oval	Natural	Gellan Gum	Algae Oil(150/300 TG) 500mg, providing 75mg EPA and 125mg DHA	Heart Health
Algae Oil Vegan Softgel (400 DHATG)	300012274	10 Oval	Natural	Gellan Gum	Algal Oil (400 DHATG) 500mg, providing 200mg DHA	Heart Health
Algae Oil Vegan Softgel (400 DHATG)	400017691	20 Oblong	Natural	Gellan Gum	Algae oil (400 DHATG) 1000mg, providing 400mg DHA, Vitamin E Oil(dl-α-Tocopheryl Acetate) providing 5mg Vitamin E	Heart Health
Fish Oil Softgel (18/12 TG)	300009984	20 Oblong	Natural	Gellan Gum	Fish Oil (18/12 TG) 1000mg, providing 180mg EPA and 120mg DHA	Heart Health
EnteriClear® Fish Oil Uncoated Softgel (36/24 EE)	300012316	20 Oblong	Natural	Gellan Gum	Fish Oil (36/24 EE) 1000mg, providing 378mg EPA, 252mg DHA and 682mg Total Omega ³	Heart Health
Cod Liver Oil Softgel	300012179	10 Oval	Natural	Gellan Gum	Cod Liver Oil 500mg, providing 30mg EPA and 40mg DHA, Vitamin A 2500IU, Vitamin D3 200IU	Heart Health
Coenzyme Q10 Vegan Softgel	400038064	15 Oval	Customisable	Carrageenan	Coenzyme Q10 140mg	Heart Health
Coenzyme Q10 Vegan Softgel	400038191	10 Oval	Customisable	Gellan Gum	Coenzyme Q10 140mg	Heart Health
Calcium & Vitamin K2 Vegan Softgel	400038164	25 Oval	Customisable	Carrageenan	Calcium 225mg, Magnesium 45mg, Zinc 2mg, Vitamin K2 22.5µg	Joint & Bone Health
Calcium & Vitamin K2 Vegan Softgel	400038332	14 Oval	Customisable	Gellan Gum	Calcium 225mg, Magnesium 45mg, Zinc 2mg, Vitamin K2 22.5µg	Joint & Bone Health
Vitamin D & Calcium Vegan Softgel	400038163	25 Oval	Customisable	Carrageenan	Vitamin D 100IU, Calcium 300mg	Joint & Bone Health
Vitamin D & Calcium Vegan Softgel	400038330	14 Oval	Customisable	Gellan Gum	Vitamin D 100IU, Calcium 300mg	Joint & Bone Health
Beta Carotene Vegan Softgel	400038177	6 Oval	Customisable	Carrageenan	Beta-Carotene 6mg	Eye Health
Beta Carotene Vegan Softgel	400038188	4 Oval	Customisable	Gellan Gum	Beta-Carotene 6mg	Eye Health
Lutein Vegan Softgel	400038062	15 Oval	Customisable	Carrageenan	Lutein 55mg	Eye Health
Lutein Vegan Softgel	400038192	10 Oval	Customisable	Gellan Gum	Lutein 55mg	Eye Health
Ginkgo Biloba Leaf Vegan Softgel	400038294	13 Oval	Customisable	Carrageenan	Ginkgo Biloba Leaf Extract 40mg	Mental Wellbeing
Ginkgo Biloba Leaf Vegan Softgel	400038328	8 Oval	Customisable	Gellan Gum	Ginkgo Biloba Leaf Extract 40mg	Mental Wellbeing



About SIRIO

Sirio is a global CDMO specializing in nutraceutical innovation. With over three decades of experience and a relentless focus on R&D, we partner with leading brands to deliver high-quality, differentiated supplement solutions.

Why SIRIO?

- 30 years of experience in pharmaceutical and nutraceutical softgels
- Premium Quality - Over 100 third-party audits annually with 100% success rate
- 14% of our total workforce is dedicated to R&D
- Large Capacity - Over 15 billion softgels per year

Get in touch

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