

# Trenker



laboratories

Export Catalogue 2020



# Trenker



laboratories

Innovation & Manufacturing • Since 1933

# TRENKER PHARMACEUTICAL LABORATORIES

The Trenker Pharmaceutical Laboratories were founded in 1933 by Rodolphe Henry Trenker under the vision to produce and distribute high quality pharmaceuticals, food supplements and medical devices. From the beginning, Trenker Laboratories have kept their independency from any group.

## Mission

The Trenker Pharmaceutical Laboratories put patients and healthcare professionals at the top of their priorities. Day to day, they endeavour to improve everyone's quality of life and health. This family business develops, produces, controls and commercialises innovative drugs, food supplements and medical devices, which meet the strictest European manufacturing standards.

## Vision

The Trenker Pharmaceutical Laboratories, with their long-term perspective, aim to become an international reference in the continuous development of innovative and high quality solutions, in favour of patients and healthcare professionals.

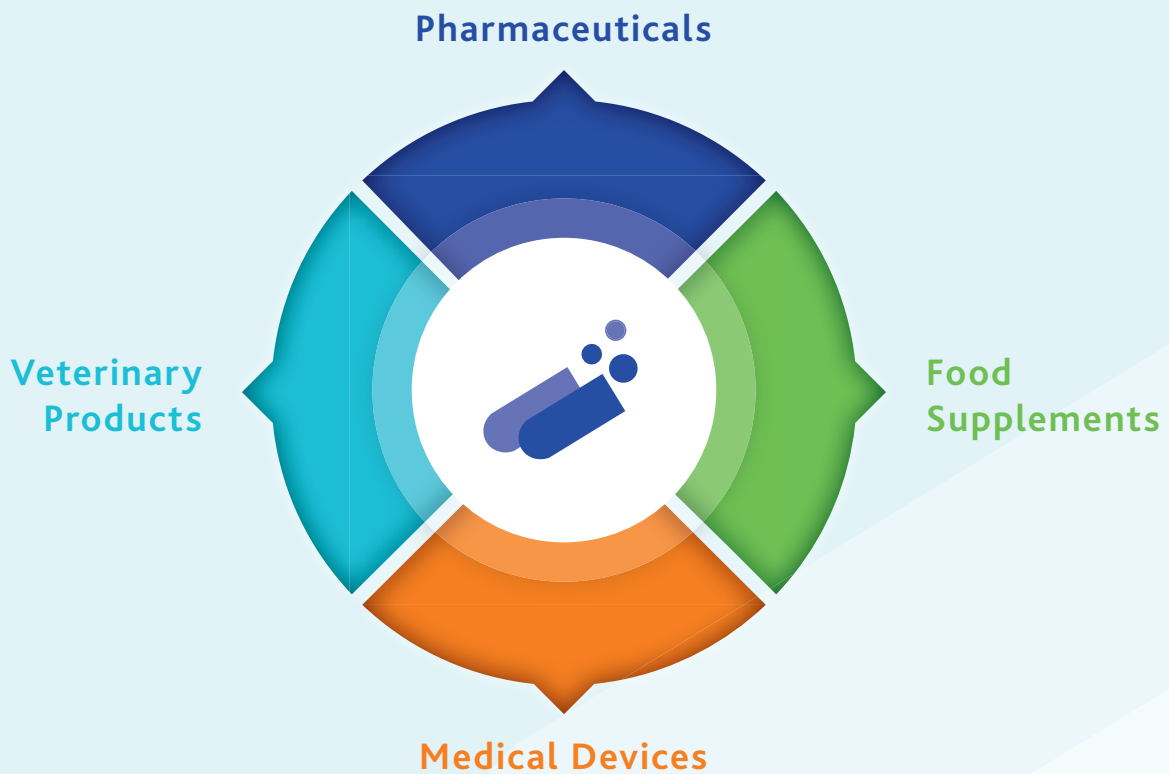
# Innovation Quality Passion Ethics



# OVERVIEW

## Laboratory

The Trenker Laboratories' medicines, medical devices and food supplements are **produced** and **controlled** according to the quality standards that prevail in the **pharmaceutical industry**. This means for patients and healthcare professionals an absolute guarantee and traceability.



## Key Milestones - Timeline



**Foundation** of Trenker Pharmaceutical Laboratories by Rodolphe Henry Trenker

1933



**1951**  
Opening of the pharmacy in Uccle



Second generation of the Trenker family, Ady Trenker

1971



Development of a **GMP** manufacturing zone

1985



1988

Development of the first dietary supplement Bioléine – Omega 3



2001

# Activities

The Trenker Pharmaceutical Laboratories provide a **full service expertise**. The company is present at **every step of the process**. The production, Quality Control and Quality Assurance departments meet the **European GMP standards** (*Good Manufacturing Practices*) applicable in the pharmaceutical industry.



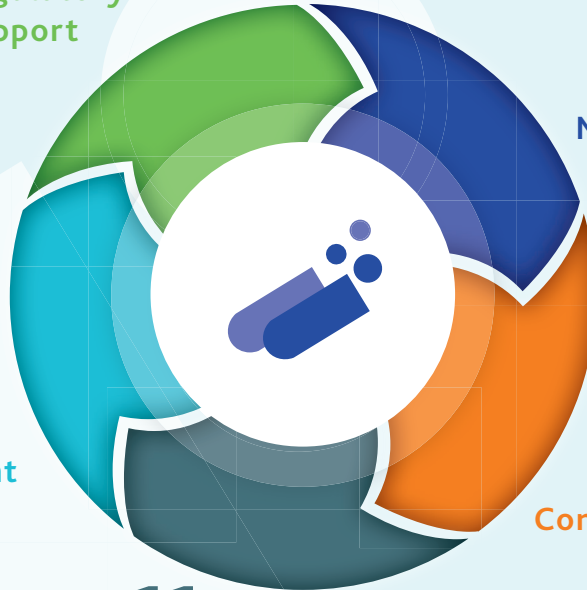
Regulatory Support



Production and Contract Manufacturing



Research & Development



Marketing & Communication



Logistics & Export

Trenker  
laboratoires

Marketing of Trenker's first food supplement Bioglucosamine (cartilage)

2002  
-> 2018

Leader in joint care in Belgium with Bioglucosamine max, Biocondil and NC2

The third generation of the Trenker family, Rodolphe Trenker and Tristan Trenker

2004



2014  
-> 2018

Leader in hair growth market in Belgium with Alline Procac

2015  
Launch of the food supplement Mobilityl



2017

New facilities of 6000 m<sup>2</sup> to ensure the sustainability of the company

2018  
Rodolphe Trenker  
General Manager

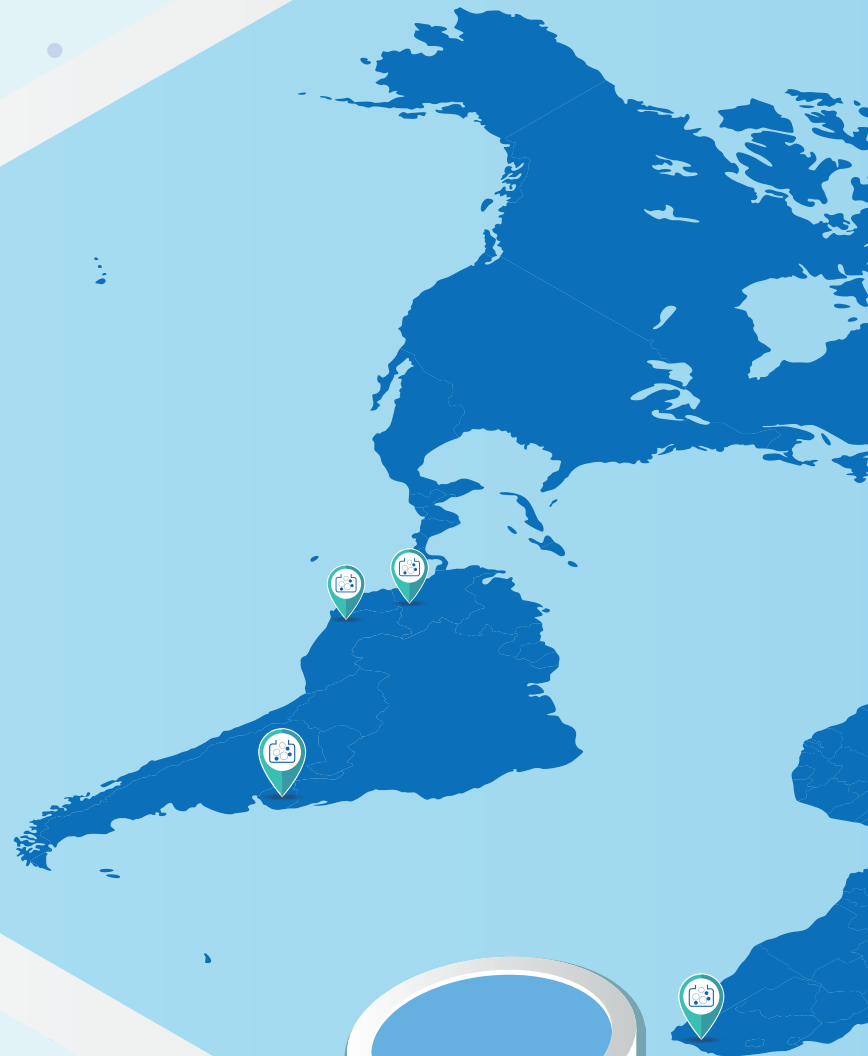


2020  
New logo

# GLOBAL PRESENCE



- Cyprus
- Equator
- France
- Hong Kong
- Iran
- Israel
- Jordan
- Kingdom of Saudi Arabia
- Kuwait
- Lebanon
- Luxembourg
- Morocco
- Pakistan
- Peru
- Portugal
- Qatar
- PRC
- Singapore
- South Africa
- Spain
- The Netherlands
- United Arab Emirates
- Uruguay
- Vietnam



**Who's next?**



**Belgium**  
*Headquarters*  
*R&D Center*  
*Manufacturing Site*



# LABORATORY TRENKER



Trenker Pharmaceutical Laboratories put healthcare professionals and patients at the top of their priorities by making a daily commitment to contribute to **improving the quality of life and health of all.**

Since 1933, our Belgian family company has been developing and marketing high-quality products adapted to the whole family, from the youngest to the oldest, in various fields such as hair, intestinal comfort, joint care, skin, well-being...



Rodolphe Trenker  
*General manager*

## PRODUCTION



## EFFICIENCY



## QUALITY



## AVAILABLE IN PHARMACY



# Quality Health Life




# HAIR CARE

## Alline Procap CLINICALLY PROVEN <sup>①</sup>



**Hair Loss, Hair Growth, Shine and Volume. Nails**

Food supplement

 60, 180 capsules

- Bioavailable Keratin
- Iron (100% RI)
- Zinc (100% RI)
- Copper (100% RI)
- All B Vitamins
- Vitamin C
- Vitamin E
- $\beta$ -Carotene (100% RI)



**Leader** in hair growth market in Belgium



**Worldwide** Patented Product



**Partner of Pink Ribbon** Belgian Breast Cancer Fighting Association



## VISIBLE RESULTS<sup>\*</sup>

Users' opinions after 3 months using 2 capsules per day.



**✓ 100%**  
notice **less hair loss**

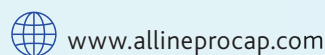
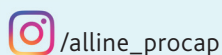
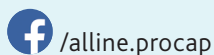


**✓ 88%**  
notice that their **hair is stronger**



**✓ 95%**  
notice that their **hair is shinier**

<sup>1</sup> Beer C. et al. (2014). A Clinical Trial to Investigate the Effect of CynaPlus® on Hair and Nail Parameters. The Scientific World Journal, Volume 2014.



# INTESTINAL COMFORT

## Imutis CLINICALLY PROVEN <sup>②</sup>



Treatment of **diarrhoea**, aids the functioning of the **immune system**, reduces **abdominal pains**.

- *Saccharomyces Boulardii*
- *Lactobacillus Helveticus*
- *Lactobacillus Rhamnosus*
- *Bifidobacterium Longum*
- Fructo-oligosaccharides (FOS)
- Vitamin D

Food supplement •  10, 20 and 50 capsules

## Imutis Baby CLINICALLY PROVEN <sup>③</sup>

FROM BIRTH



Treatment of **diarrhoea**, aids the functioning of the **immune system**, reduces **abdominal pains**

- *Lactobacillus Rhamnosus GG*
- *Lactobacillus Rhamnosus*
- *Lactobacillus Helveticus*
- *Bifidobacterium Longum*
- Vitamin D

Food supplement •  10 ml



## Imutis Colic

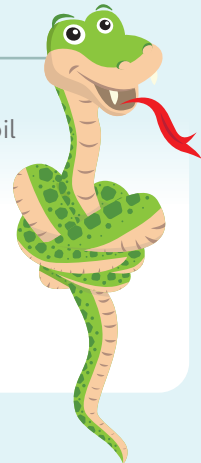


Used in gastric dressings to help evacuate intestinal **gases**, reduces **abdominal pains**.

- Simethicone in olive oil
- Vitamin A
- Vitamin E
- Coenzyme Q

Medical Device •  50 ml

 [www.imutis-colic.be](http://www.imutis-colic.be)



## Cerevisia CLINICALLY PROVEN <sup>④</sup>



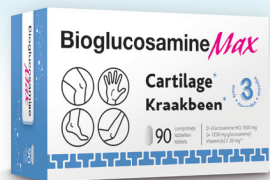
Treatment of **IBS syndromes**, **Cramp**, **bloating**, **flatulence**

*Saccharomyces Cerevisiae*  
CNCM I-3856

Food supplement •  30, 90 caspules

# JOINT CARE

## Bioglucosamine Max

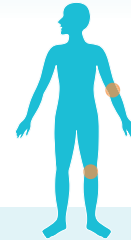


### Prevention

Preservation of joint cartilage

- D-Glucosamine HCl
- Vitamin C

Food supplement •  30, 90 tablets



## Biocondil

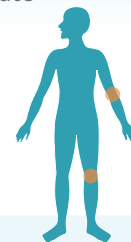


### Maintenance and painkiller

Building block of joint cartilage and **painkiller** in case of **osteoarthritis**

- D-Glucosamine HCl
- Chondroitin Sulfate
- Vitamin C

Food supplement •  60, 180, 360 tablets



## NC2



### Anti-inflammatory and painkiller

**Anti-inflammatory**, painkiller in case of **polyarthritis** and **osteoarthritis**

- Native Type II Collagen
- Vitamin C

Food supplement •  30, 90 capsules



## USA300

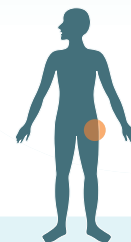


### Anti-inflammatory and painkiller

Anti-inflammatory, **painkiller** in case of **polyarthritis** and **osteoarthritis**

Unsaponifiables of soybean and avocado

Food supplement •  30, 90 capsules



# Mobilityl

CLINICALLY PROVEN ⑦

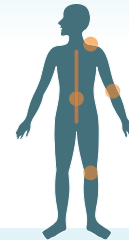
[www.mobilityl.com](http://www.mobilityl.com)



## Anti-inflammatory and painkiller

Curcuma Longa L. BCM-95®

Anti-inflammatory, **painkiller** in case of **polyarthritis** and **osteoarthritis**



Food supplement •  30, 90 capsules

## Also available in duopack form

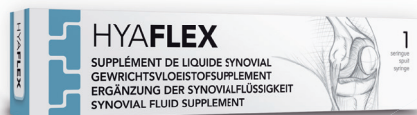
### Optimized treatment



# Hyaflex

Recommended for the treatment of **joint pains**

Sodium Hyaluronate Natural and Low Molecular Mass



*One injection per week for 3 weeks*

Medical Device •  1, 3 or 25 syringe(s)

# Hyaflex Forte

Recommended for the treatment of **joint pains**

Sodium Hyaluronate Natural and Low Molecular Mass



*One single injection*

Medical Device •  1 syringe

# SLEEP - STRESS - BURNOUT

## Relaxine



Herbal sedative for **sleeping troubles.**

Hydroalcoholic dried valerian extract

Medicine •  30, 60 tablets

## Mentalis stress



**Stress, burnout, depression, physical fatigue**

- Ashwagandha
- Superoxide Dismutase from melon
- Liposomal Magnesium
- Vitamin B

Food supplement •  30, 120 capsules  [www.mentalis-trenker.com](http://www.mentalis-trenker.com)





# SKIN

## Benzadermine



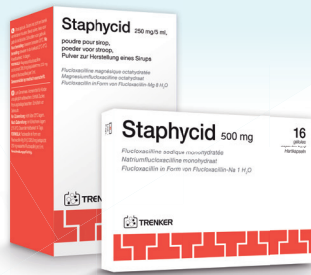
Gel for the topical treatment of **acne vulgaris**.

- Erythromycin 3%
- Benzoyl Peroxide 5%

Medicine • 23,3g of Gel

## Staphycid

PEDIATRICS



First choice antibiotic for **skin infection**.

Flucloxacillin Sodium Monohydrate

Medicine • 16, 32 of 500mg, capsules & 250mg/5ml, powder syrup

# OTOLARYNGOLOGY

## Primo Defensis Trenker

CLINICALLY PROVEN

NEW



**Prevention and treatment** of ENT infections

*Streptococcus Salivarius* K12  
Vitamin D

Food supplement • 30, 90 lozenges

# DEFICIENCIES

## Ferricure

PEDIATRICS



Capsules or solution for the prevention and treatment of **iron deficiency.**

Polysaccharide Iron Complex PIC

Medicine •  28, 56 capsules &  60, 200ml oral solution

## Magnesium Trenker



Contains a new generation of **liposomal magnesium**

- Liposomal Magnesium
- All B Vitamins

Food supplement •  30, 90 capsules

# VETERINARY

## Hyaflex Forte

Recommended for the treatment of **joint pains** for **sport horses & camels**

Sodium Hyaluronate Natural and Low Molecular Mass

*One single injection*



Medical Device •  1, 3 or 25 syringe(s)

## Equicartil



Particularly recommended for the **treatment of joint pains** for **sport horses & camels**

470 g D-Glucosamine HCl  
380 g Chondroitin Sulfate

*Food Supplement • Jar of 850 g net*

## ORTHONAT RANGE

 [www.trenker.be](http://www.trenker.be)



Orthonat is a range of health and beauty food supplements from Trenker Pharmaceutical company. These products meet European manufacturing standards.

Available in wellness and organic shops, they contain high quality ingredients, vitamins and minerals.



# CONTRACT MANUFACTURING

## Factory

Trenker is a reliable **GMP** certified contract manufacturer of non-sterile oral forms of medicinal products and a **HACCP** approved contract manufacturer of food supplements, specialised in dry and liquid forms.

Trenker is offering a wide range of services: product development, regulatory support, contract manufacturing, stability studies, quality assurance and an in-house graphic studio.

It is Trenker's policy to ensure that its facilities and manufacturing processes that directly affect the quality of the final product are identified and controlled to provide a high degree of assurance that each finished product consistently meets its pre-defined specifications and quality attributes.

### Dry forms

- Mixing of powders (100 to 750 kg / blend)
- Capsule filling
- Tableting
- Filmcoating
- Primary packaging:  
PVC / PVDC combined with sealed aluminium foil / various sizes and shapes
- Secondary packaging + leaflet
- Serialization of medicinal products  
Fully functional serialization systems in place from level 1 to level 5

### Liquid forms

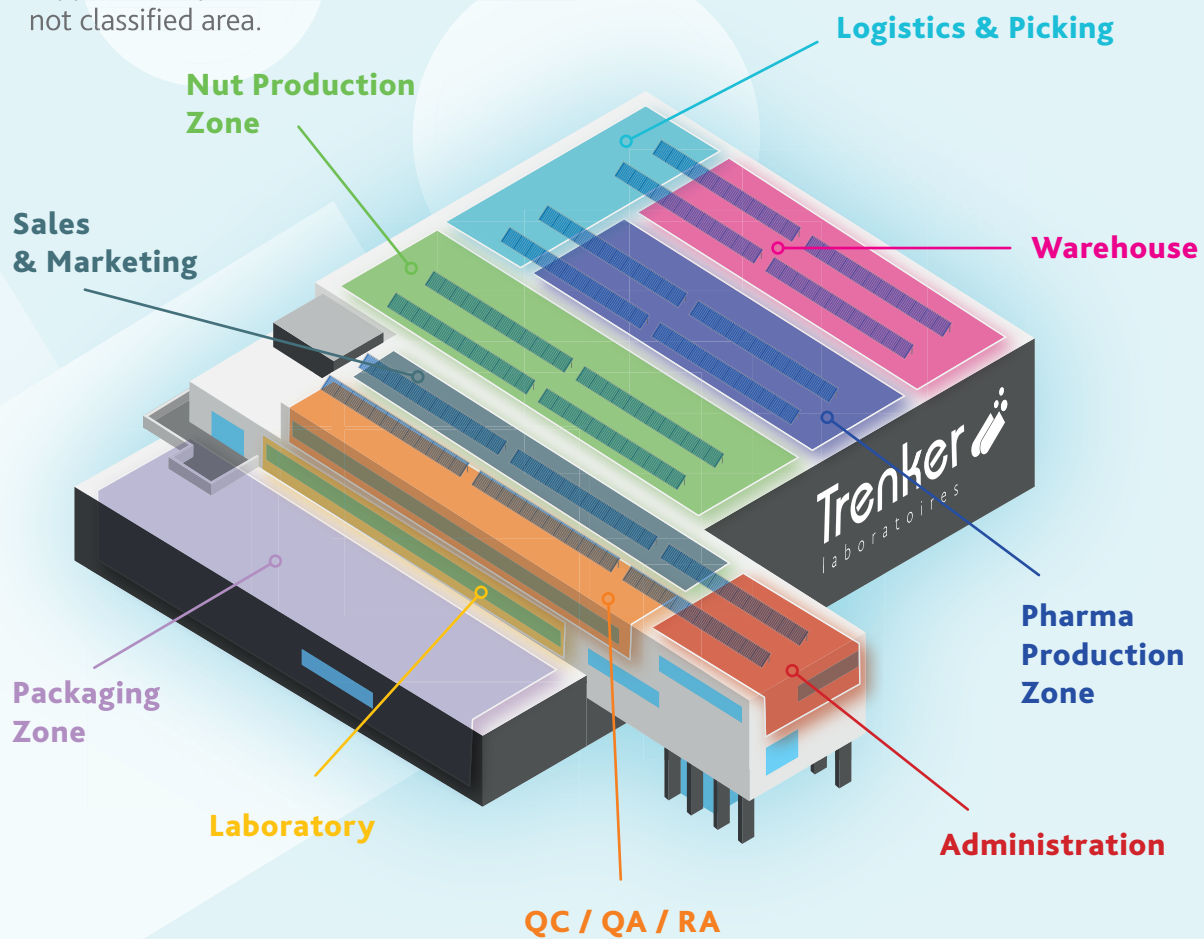
- Liquid mixing
- Primary packaging  
Bottle filling
- Secondary packaging  
Bottle labelling & cartooning
- Serialization of medicinal products  
Fully functional serialization systems in place from level 1 to level 5



# Trenker's Site

- Since end of **2017**, Trenker Pharmaceutical Laboratories are situated in a new site in the south of Brussels, Nivelles.
- The production and packaging facilities for pharmaceutical products (**Pharma area**) are completely separated from the facilities for food supplements (**NUT area**).
- The pharmaceutical production area at Trenker Pharmaceutical Laboratories is of **class D** (class 100,000). The food supplements production area is a controlled not classified area.

• Trenker's site is situated between Brussels Airport and the airport of Charleroi, and only 45 minutes driving from the port of Antwerp. The site is close to the major Belgian highways.



In a 6000 m<sup>2</sup> plant with a logic lay-out the production activities are setup in clear sub-divisions: warehousing of raw materials - weighing - mixing - tablet compressing - capsule filling - filmcoating - primary and secondary packaging - serialization - final release – expedition.



Made in Belgium



HACCP



GMP



Halal



Organic



Vegan

# OTHER SERVICES

Trenker can offer a complete product development for the launch of a new project, pharmaceutical or nutraceutical, for newly developed products or in case of a need to outsource the production of an existing product.

At Trenker, new products can be developed starting from the raw material until the finished product. The following steps and departments are involved:

## R&D

The development starts at the **R&D** department with the selection of the appropriate form (tablets or hard capsules or liquid) followed by the selection of high quality raw materials. An appropriate filmcoating or specific capsule or packaging can be selected in order to improve the appearance or stability of the product.

## Regulatory department

The R&D department works closely with the Regulatory department. Pharmaceutical products and food supplements have to comply with a series of **European and International regulations**. As both sectors are significantly different, Trenker provides regulatory support on both levels.

## In-house graphic studio

Trenker disposes of its own graphic studio with **experienced graphists**. This allows to gain time in the development of the packaging material, offering a **flexibility** between the client and Trenker in the setup of the packaging material before sending the final proof to the printer. The design of all types of marketing material is possible.

## Supply

The supply department works closely with the Regulatory department in order to obtain the raw materials and packaging materials which are in **conformity** with the predefined specifications.

## QC department

Raw materials and products (in process intermediates and/or finished products) are tested in Trenker's GMP certified QC laboratory. For microbiology and some specialized tests, we cooperate with **accredited** laboratories.

We can organize **stability** monitoring at ICH conditions including zone 4b.

## Production

The feasibility of the chosen ingredients and concentrations in a specific form has to be tested. Once this is successful, it can be upscaled to production circumstances.

After set up of a large scale production, Trenker assures the delivery of products which meet the specifications and the **quality standards**.

## QA department

A strong collaboration between the QA team and all other teams is **the key to guarantee** the delivery of **high quality** products.

## Warehouse

Finally, the finished products are stored in Trenker's warehouse meeting the **GMP requirements** and the product's specifications : storage at room temperature (15-25°C).

An automated warehouse management system is in place and also an EMS (environmental monitoring system).

# Studies



- ① *Alline Procap*: Beer C. et al. (2014). A Clinical trial to Investigate the Effect of CynaPlus® on Hair and Nail Parameters. *The Scientific World Journal*, Volume 201.
- ② *Imutis*: Grandy G. et al. (2010). Probiotics in the treatment of acute rotavirus diarrhoea. A randomized, double-blind, controlled trial using two different probiotic preparations in Bolivian children, *BMC Infectious Diseases* 2010, 10:253.
- ③ *Imutis Baby*: Nixon A.F. et al. (2012). The Effect of Lactobacillus GG (LGG) on Acute Diarrheal Illness in the Pediatric Emergency Department (PED), *Pediatr Emerg Care*. 2012 October ; 28(10): 1048–1051. • Basu S. et al. (2007). Efficacy of Lactobacillus rhamnosus GG in acute watery diarrhea of Indian children: A randomised controlled trial, *Journal of Paediatrics and Child Health* 43 837–842.
- ④ *Cerevisia*: Cayzele-Decherf A. et al. (2017). *Saccharomyces cerevisiae* CNCM I-3856 in irritable bowel syndrome: An individual subject meta-analysis, *World J Gastroenterol* 2017 January 14; 23(2): 336-344.
- ⑤ *Biocondil*: Clegg D.O. et al. (2006). Glucosamine, Chondroitin Sulfate, and the Two in Combination for Painful Knee Osteoarthritis *N Engl J Med* 2006; 354:795-808 • Hochberg M.C. et al. (2015). Combined chondroitin sulfate and glucosamine for painful knee osteoarthritis: a multicentre, randomised, double-blind, non-inferiority trial versus celecoxib, *Ann Rheum Dis* 2015;0:1–8.
- ⑥ *NC2*: Lugo J.P. et al. (2010). Efficacy and tolerability of an undenatured type II collagen supplement in modulating knee osteoarthritis symptoms: a multicenter randomized, double-blind, placebo-controlled study. *Nutrition Journal* (2016) 15:14.
- ⑦ *Mobility!*: Chandran B. et al. (2012). A Randomized, Pilot Study to Assess the Efficacy and Safety of Curcumin in Patients with Active Rheumatoid Arthritis, *Phytother. Res.* 2012. • Antony B. et al. (2008). A Pilot Cross-Over Study to Evaluate Human Oral Bioavailability of BCM-95® CG (Biocurcumax™), A Novel Bioenhanced Preparation of Curcumin., *Indian Journal of Pharmaceutical Sciences*, July - August 2008
- ⑧ *Mentalis Stress*: Chandrasekhar K. et al. (2012). A Prospective, Randomized Double-Blind, Placebo- Controlled Study of Safety and Efficacy of a High- Concentration Full-Spectrum Extract of Ashwagandha Root in Reducing Stress and Anxiety in Adults, *Indian Journal of Psychological Medicine*, Vol 34, Issue 3.
- ⑨ *Primo Defensis Trenker*: Di Piero F et al.,. Use of *Streptococcus salivarius* K12 to reduce the incidence pharyngotonsillitis and acute otitis media in children: a retrospective analysis in not-recurrent pediatric subjects. *Minerva Pediatrica*. Janvier 2018, DOI: 10.23736/S0026-4946.18.



**For further information,  
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[www.trenker.be](http://www.trenker.be)

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[www.linkedin.com/trenker](https://www.linkedin.com/company/trenker)