

bionorm

Bringing Out
The Best in Nature



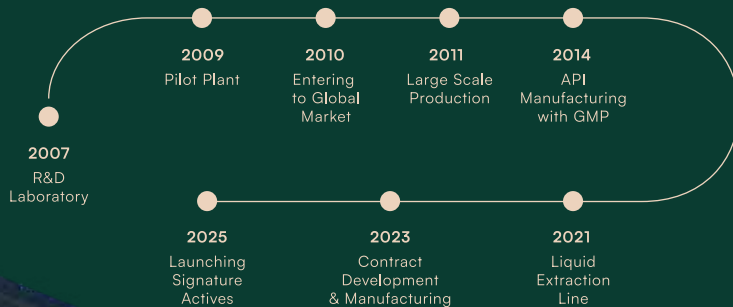
Nature-Based Science-Backed

Bionorm manufactures standardized herbal extracts and plant-based APIs in compliance with GMP regulations, specifically tailored for food supplements and herbal medicinal products in accordance with the European Pharmacopoeia.

With a focus on consistency, efficacy, and safety, we provide high-quality botanical solutions that meet the demanding standards of the nutraceutical and pharmaceutical industries.

Our extracts are developed to fit a wide range of finished dosage forms —including capsules, tablets, syrups, sachets, and gummies —enabling our partners to deliver innovative, reliable, and effective health products to the market.

Our History





We have also built greenhouses that utilize solar energy to naturally dry herbs, significantly reducing the energy consumption associated with traditional drying methods.

We have been partnering with:

80 LOCAL in 13 FARMERS REGIONS

We work closely with local farmers and wild plant collectors, supporting them in developing their own businesses and contributing to regional economic growth. These long-term partnerships help us build a transparent, sustainable, and socially responsible supply chain.

Leveraging Turkey's rich biodiversity and diverse climate, we focus on native plant species and locally sourced herbs to produce our natural active ingredients. By prioritizing plants that grow naturally within the region, we reduce our carbon footprint, conserve biodiversity, and ensure full traceability across the entire supply chain —from the fields to the final extract.

In every step of our operations, we are committed to reducing waste, using resources efficiently, and promoting environmentally responsible practices —ensuring that nature's value is preserved for future generations.

Sustainability At The Core

At Bionorm, sustainability is not just a value — it's the foundation of how we operate.

We carefully select the best cultivation areas across Turkey, analyzing active ingredient content and yield to meet the quality standards defined by the European Pharmacopoeia. Our sourcing strategy is based on scientific assessment and local knowledge, ensuring both efficacy and ecological balance.

To further minimize environmental impact, we establish plant collection and drying facilities close to harvesting regions.

The raw materials are supplied via:



Wild Collection



Contract Farming



Upcycled

Our Commitment to Quality

At Bionorm, quality is at the center of everything we do
—from the field to the final extract.

We develop and manufacture our products in full accordance with the European Pharmacopoeia, within our GMP-certified production facility. For our pharmaceutical-grade ingredients, we provide Active Substance Master Files (ASMF).

Our experienced Quality Assurance and Quality Control teams oversee every stage of the process. From raw material sourcing and cultivation to extraction, packaging, and delivery, we ensure every step is carefully monitored and controlled.

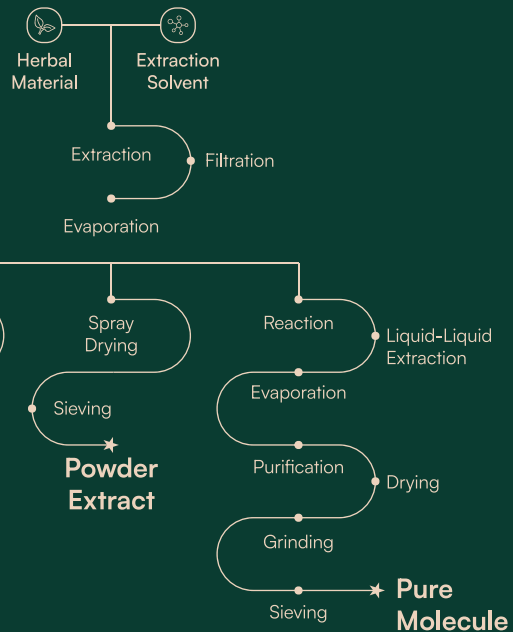
We are continuously audited by the Ministry of Health, our customers, and internal audit teams, maintaining a high level of reliability and consistency in our products.

This strong quality framework allows us to deliver safe, effective, and traceable botanical ingredients with full confidence.










Excellence in Every Layer of Production



Bionorm also supplies
Contract Manufacturing Services for:

- Extraction 
- Evaporation 
- Purification 
- Spray Drying 
- Encapsulation 



Born in the R&D Lab, Shaped by Expertise



Bionorm was founded as a research and development laboratory —**and that foundation continues to shape our strength today.**

With deep scientific expertise and a passion for plant-based innovation, R&D remains the engine behind our growth and product excellence.

We focus on creating signature, tailor-made extracts developed to meet the specific needs of our partners. Whether you're looking for a certain active profile, origin, or functionality, our skilled R&D team is here to collaborate with you and turn your ideas into reality.

Our capabilities are further enhanced through close partnerships with top-tier universities and field-leading academics, allowing us to expand our knowledge and stay ahead of industry trends.

Thanks to our flexible production setup, we're equipped to manufacture your customized botanical extracts with precision, consistency, and quality —every step of the way.



Cough, Cold & Respiratory



Soothing the airways,
reducing cough and
inflammation, supporting
respiratory health.



Ivy Leaf Extract



Primula Extract



Thyme Extract



Marshmallow Root Extract



Licorice Root Extract

PRODUCT NAME

BOTANICAL ORIGIN

MECHANISM OF ACTION

Hedera helix L.

Primula veris L. and/or
Primula elatior L.

Thymus vulgaris L.

Althaea officinalis L.

Glycyrrhiza glabra L.

Expectorant; helps clear mucus from airways

Expectorant, bronchial mucus-thinning effect and anti-inflammatory for bronchial relief

Antimicrobial, bronchodilator, and antispasmodic effects

Mucilage-rich; soothes irritated throat and mucous membranes

Anti-inflammatory, demulcent; supports throat comfort and cough relief



Ribwort Plantain Extract



Sage Extract



Cistus Extract



Elderberry Extract



Respheria™

PRODUCT NAME

BOTANICAL ORIGIN

MECHANISM OF ACTION

Plantago lanceolata L.

Salvia officinalis L.

Cistus creticus L.

Sambucus nigra L.

Primula elatior L./*Primula veris* L.
Thymus vulgaris L.
Verbascum thapsus L.
Tilia cordata L./*Tilia platyphyllos* L.

Anti-inflammatory and mucilage-forming; soothes throat and respiratory tract

Antimicrobial and astringent; eases sore throat and inflammation

Antiviral, antioxidant; forms biofilm barrier on mucosa

Antiviral, rich in flavonoids; supports immune defense against cold & flu

Expectorant, anti-inflammatory, antioxidant, antimicrobial, bronchodilator, mucilage-forming; soothes throat and respiratory tract



Anxiety & Sleep



Calming the nervous system, reducing anxiety, promoting restful sleep.



Lemon Balm Extract



Passion Flower Extract



Chamomile Extract



Hawthorn Extract

PRODUCT NAME

BOTANICAL ORIGIN

MECHANISM OF ACTION

Melissa officinalis L.

Increases GABA activity; mild sedative and mood stabilizer

Passiflora incarnata L.

Enhances GABA binding; reduces overactivity in the brain

Matricaria recutita L.

Binds to benzodiazepine receptors; calming and sleep-inducing

Crataegus sp.

Mild CNS depressant effect; lowers stress-induced palpitations



Cardiovascular & Circulation

Improving blood flow,
reducing swelling,
supporting vessel health.



**Hawthorn
Extract**

PRODUCT
NAME

Crataegus sp.

BOTANICAL
ORIGIN

MECHANISM
OF ACTION

Vasodilator, antioxidant;
improves coronary
blood flow



**Butcher's
Broom Extract**

*Ruscus
aculeatus L.*

Contains ruscogenins;
vasoconstrictive and
anti-inflammatory;
improves venous tone



**Red Grape Leaf
Extract**

Vitis vinifera L.

Protects capillaries,
reduces edema and
venous insufficiency



**Horse Chestnut
Extract**

*Aesculus
hippocastanum L.*

Strengthens vessel walls,
reduces capillary
leakage and swelling



Ruscogenins

*Ruscus
aculeatus L.*

Exhibit vasoconstrictive
and anti-inflammatory effects;
support microcirculation
and vascular integrity



Digestive & Liver



Supporting liver function,
bile flow, and easing
bloating & digestion.



**Artichoke
Extract**



**Dandelion Leaf
Extract**



**Dandelion Root
Extract**



**Orange Peel
Extract**



**Rosemary Leaf
Extract**

PRODUCT
NAME

BOTANICAL
ORIGIN

MECHANISM
OF ACTION

*Cynara
scolymus L.*

Stimulates bile production;
aids fat digestion and
detox

*Taraxacum officinale
F.H. Wigg.*

Mild diuretic and
digestive tonic

*Taraxacum officinale
F.H. Wigg.*

Stimulates bile secretion
and liver detox
pathways

*Citrus
sinensis L.*

Bitter tonic;
stimulates
gastric juices

*Rosmarinus
officinalis L.*

Promotes bile secretion;
antioxidant, spasmolytic,
anti-inflammatory,
hepatoprotective



Metabolic & Blood Sugar

Regulating blood sugar,
reducing oxidative stress,
and balancing
metabolism.



**Fenugreek
Extract**



**Mulberry Leaf
Extract**



**Nettle Leaf
Extract**



**Broccoli
Extract**

PRODUCT
NAME

BOTANICAL
ORIGIN

MECHANISM
OF ACTION

*Trigonella
foenum-graecum L.*

Improves insulin
sensitivity, slows
carbohydrate
absorption

Morus alba L.

Inhibits α -glucosidase;
delays sugar
absorption in intestines

Urtica dioica L.

Enhances insulin
signaling,
anti-inflammatory
effects

Brassica oleracea L.

Supports phase II
detox enzymes; hormonal
metabolism via sulforaphane;
modulates NRF2 pathway



Healthy Aging & Hormonal Balance



Supporting hormonal balance, energy, and healthy aging.



Tribulus Extract



Sage Extract



Lemon Balm Extract



Broccoli Extract



Nettle Leaf Extract

PRODUCT NAME

BOTANICAL ORIGIN

MECHANISM OF ACTION

Tribulus terrestris L.

Modulates androgen receptors; enhances vitality and libido

Salvia officinalis L.

Reduces hot flashes and night sweats via estrogenic activity

Melissa officinalis L.

Mood balance, stress relief — commonly used in menopause formulas

Brassica oleracea L.

Estrogen metabolism regulator; supports detox of excess estrogen

Urtica dioica L.

May block aromatase; reduces symptoms linked to hormone imbalance



Immune & Vitality

Strengthening the immune system and improving resilience to infections.



PRODUCT
NAME

**Astragalus
Extract**

Cistus Extract

**Sour Cherry
Extract**

**Elderberry
Extract**

Eternastra98™

BOTANICAL
ORIGIN

*Astragalus
spp.*

*Cistus
creticus L.*

*Prunus
cerasus L.*

*Sambucus
nigra L.*

*Astragalus
spp.*

MECHANISM
OF ACTION

Adaptogen; enhances innate immunity and antiviral defenses. enhances Th1 response, supports interferon production

Antiviral biofilm-forming polyphenols; blocks pathogen binding

Antioxidant and anti-inflammatory

Activates cytokines; blocks virus replication in early stages

Saponin derived from Astragalus; activates telomerase, supports cellular health and longevity



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