

bettech



20
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WHO WE ARE

InBetta, headquartered in Rio Grande do Sul and operating in the market for 78 years, brings together important brands such as Bettanin, Atlas, Sanremo, Ordene, and SuperPro. Together, they produce over 4,500 different products, totaling around 50 million units produced per month, sold throughout Brazil and exported to more than 50 countries.

Aligned with its strategic planning, it launched a new company, Bettech, which operates in the B2B segment, with even greater ambitions.

Years of research, development, and validation analysis were dedicated to finally delivering to the market a line of encapsulated active ingredients with all the advantages of nanotechnology.

Bettech aims to serve the cosmetics and dermo cosmetics industry with strict quality and efficacy standards. We have modern development laboratories, quality control, post-sales services, and logistics, ensuring excellence in customer service.




OUR PURPOSE

We believe that cutting-edge scientific research combined with strict quality controls can produce technologies that improve people's lives.

That's why we develop innovative and reliable nanotechnology solutions that help our clients maximize their results.



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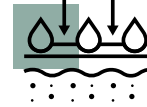
NANOTECHNOLOGY

IN FAVOR OF COSMETICS

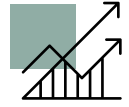
Nanotechnology applied in cosmetics effectively promotes benefits and advantages regarding the **permeation of active** ingredients into the skin layers. These technologies are bio-compatible products capable of selectively and purposefully overcoming biological barriers. Other characteristics of these materials are related to the protection of substances prone to oxidation and greater ease of incorporation into cosmetic bases compared to free actives. The nanotechnology used in our products enhances the dispersion of actives, controls their release in the skin, and boosts their stability.



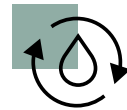
ACTIVE
INGREDIENT
PROTECTION



PENETRATION
ABILITY



MAXIMIZATION
OF INGREDIENT
EFFECT



CONTROLLED
RELEASE



BIOCOMPATILITY
AND BIOADHESION



CRUELTY FREE



COLAGEN
AND/OR
ELASTIN



ANTIOXIDANT/
UV RADIATION



HYPERPIGMENTATION
AND/OR
PIGMENTATION



TYROSINASE



SKIN
BARRIER



OIL
CONTROL



METALLO-
PROTEINASE



DERMO
CALMING



CELL
RENEWAL



HYDRATION



CERAMIDES



ANTI-POLLU-
TION/DETOX



MUSCLE
CONTRACTION



CELLULAR
SENESCENCE



ANTI
WRINKLE



ANTI-INFLA-
MATORY
ACTION



REDUCTION
HYPERKERA-
TINIZATION



CELLULAR
ENERGY



CELLULAR
ENERGY

	COLAGEN AND/OR ELASTIN	ANTIOXIDANT/ UV RADIATION	HYPERPIGMENTATION AND/OR PIGMENTATION	TYROSINASE	SKIN BARRIER	OIL CONTROL	METALLO- PROTEINASE	DERMO CALMING	CELL RENEWAL	HYDRATION	CERAMIDES	ANTI-POLLU- TION/DETOX	MUSCLE CONTRACTION	CELLULAR SENESCENCE	ANTI WRINKLE	ANTI-INFLA- MATORY ACTION	REDUCTION HYPERKERA- TINIZATION	CELLULAR ENERGY
VC NS ASCORBIC ACID	✓	✓	✓												✓			
HA NS HYALURONIC ACID										✓					✓			
SA NS SALICYLIC ACID						✓		✓	✓							✓	✓	
TA NS TRANEKAMIC ACID			✓	✓				✓								✓		
RV NS RESVERATROL	✓	✓	✓															
RA NS RETINOL	✓	✓		✓					✓									
Q10 NS COENZYME Q10	✓	✓							✓						✓			✓
RP NS RETINOL PALMITATE	✓	✓		✓					✓									
Tc NS TOCOPHEROL ACETATE	✓	✓						✓	✓						✓	✓		✓
B3 NS NIACINAMIDE			✓		✓		✓	✓	✓		✓					✓		
Ax NS ASTAXANTHIN	✓	✓					✓							✓		✓		✓
Ov NS OLIVE UPCYCLING		✓					✓	✓								✓		✓
Ch NS CHLORELLA	✓	✓										✓						
Py NS PHYCO	✓	✓			✓		✓											
Qe NS QUERCETIN	✓	✓					✓											✓
BTX NS BTX													✓		✓			
Bk NS BAKUCHIOL	✓					✓		✓								✓		
Rw NS RENEW					✓				✓		✓							
En NS ENERGIZE	✓	✓	✓					✓	✓						✓	✓		✓
Se NS SENEINA							✓							✓	✓	✓		

CLASSIC



NS ASCORBIC ACID

VC

NS Ascorbic Acid plays a key role in skin anti-aging processes, directly contributing to the synthesis of collagen and elastin. In addition to being a potent antioxidant, it acts as a lightening agent in the treatment of hyperpigmentation, providing excellent skin tone unification. NS Ascorbic Acid offers greater efficiency compared to the conventional form of the active ingredient due to its higher penetrability and protection against premature degradation and oxidation.

REF.	NS101/1	1 Kg
REF.	NS101/5	5 Kg
REF.	NS101/20	20 Kg



Protection against the oxidative effects of **UV radiation**



Reduction of **hyperpigmentation**



Stimulation of **collagen** and **elastin** synthesis



Anti-wrinkle action

NS HYALURONIC ACID

HA

NS Hyaluronic Acid is a cosmetic active ingredient renowned for its exceptional moisturizing properties, rejuvenating the skin by attracting water to the intercellular space. NS Hyaluronic Acid enhances skin firmness, combats sagging, reduces wrinkles, and provides anti-aging benefits, leaving the skin smoother and more supple from the surface to the deeper layers. As a nanoparticle, it ensures superior hydration, adhering to the skin upon application and outperforming its conventional form.

REF.	NS111/1	1 Kg
REF.	NS111/5	5 Kg
REF.	NS111/20	20 Kg



Increases skin **hydration**



Anti-wrinkle action



Plumping effect on the skin

NS SALICYLIC ACID

SA

NS Salicylic Acid effectively treats uneven skin by breaking down keratin, softening scars and roughness, and stimulating collagen synthesis for firmer skin. Additionally, it regulates sebum production and provides anti-inflammatory benefits, making it ideal for oily and acne-prone skin. Thanks to its advanced bio adhesion, NS Salicylic Acid maximizes skin penetration, delivering deep and targeted anti-inflammatory action for more effective results.

REF.	NS112/1	1 Kg
REF.	NS112/5	5 Kg
REF.	NS112/20	20 Kg



Reduces **oiliness**



Stimulates **cell renewal**



Reduces **skin inflammation**



Reduces **hyperkeratinization**



Dermo **calming** effect

NS TRANEXAMIC ACID

TA

Widely recognized for its brightening properties, it is an effective ally against hyperpigmentation. It works by reducing melanin levels and inhibiting tyrosinase, a key enzyme in the skin pigmentation process, making it an effective solution for treating dark spots. Additionally, it regulates arachidonic acid and prostaglandin synthesis, helping to reduce inflammation and redness. As a result, it provides a more even skin tone and visibly minimizes hyperpigmented areas.

REF.	NS119/1	1 Kg
REF.	NS119/5	5 Kg
REF.	NS119/20	20 Kg



Dermo **calming** effect



Reduces **melanin** production



Reduces **skin inflammation**



Inhibits **tyrosinase** action

NS

RESVERATROL

RV

REF. NS108/1	1 Kg
REF. NS108/5	5 Kg
REF. NS108/20	20 Kg

NS Resveratrol combats oxidative stress and rejuvenates the skin by activating sirtuins, key proteins in aging regulation. With its powerful antioxidant action, it enhances firmness, combats sagging, reduces wrinkles, and fades dark spots. Additionally, in its nano form with advanced delivery, it ensures greater efficacy compared to the free form, optimizing penetration and protecting against premature degradation of the active. As a result, it provides a deeper and longer-lasting anti-aging action.



Protection against the oxidative effects of **UV radiation**



Reduction of **hyperpigmentation**



Stimulation of **elastin** synthesis



Antioxidant action

NS

RETINOL

RA

REF. NS121/1	1 Kg
REF. NS121/5	5 Kg
REF. NS121/20	20 Kg

Recognized as one of the most effective actives against skin aging, its encapsulated format aims to increase penetration and stability. It stimulates fibroblasts to synthesize collagen, improving elasticity and eliminating degenerated fibers. It also reduces pigmentation by promoting the even distribution of melanin. Encapsulation in nanoparticles protects retinol from degradation, prolongs its effect, and enhances permeation into deeper layers, allowing controlled enzymatic release at the target site.



Protection against the oxidative effects of **UV radiation**



Stimulates **cell renewal**



Stimulation of **collagen** synthesis



Inhibits **tyrosinase** action

NS

COENZYME Q10

Q10

REF. NS106/1	1 Kg
REF. NS106/5	5 Kg
REF. NS106/20	20 Kg

NS Coenzyme Q10 is a liposoluble molecule present in the mitochondrial membrane, essential in the electron transport chain, with its concentration decreasing with age. Its replenishment is vital for skin regeneration, protection against oxidative damage, and stimulation of fibroblast proliferation. Although its transport is challenging, the use of nanoparticles, such as NS Q10, increases its water solubility and enhances delivery to the basal layers of the skin.



Protection against the oxidative effects of **UV radiation**



Stimulus to **cellular energy**



Stimulates **cell renewal**



Stimulation of **collagen** and **elastin** synthesis



Rejuvenation by wrinkle reduction

NS

RETINOL PALMITATE

RP

REF. NS109/1	1 Kg
REF. NS109/5	5 Kg
REF. NS109/20	20 Kg

NS Retinol Palmitate stands out in cosmetics for its multifunctionality, stimulating the production of proteins such as elastin and collagen, aiding in skin treatment and regeneration, as well as offering significant antioxidant activity to combat the effects of aging. NS Retinol Palmitate ensures better skin adhesion, rapidly reaching the dermis. Even without the active ingredient, the platform itself prolongs the effect and stimulates collagen synthesis.



Protection against the oxidative effects of **UV radiation**



Stimulates **cell renewal**



Stimulation of **collagen** synthesis



Inhibits **tyrosinase** action

NS

TOCOPHEROL ACETATE

Tc

REF. NS110/1	1 Kg
REF. NS110/5	5 Kg
REF. NS110/20	20 Kg

NS Tocopherol, a precursor of vitamin E, protects and repairs skin damaged by sun exposure, offering calming and regenerative benefits while acting as an antioxidant. NS Tocopherol remains on the skin for a longer period, assisting in regeneration and directly treating sun damage. Its high permeability, unique enzymatic release, and protection against active ingredient degradation ensure superior performance compared to the free form in the dermal cells.



Protection against the oxidative effects of **UV radiation**



Stimulus to **cellular energy**



Stimulation of **collagen** and **elastin** synthesis



Anti-wrinkle action



Stimulus to **cellular renewal**



Calming effect on the skin and **post-sun calming** effect

NS

NIACINAMIDE

B3

REF. NS105/1	1 Kg
REF. NS105/5	5 Kg
REF. NS105/20	20 Kg

NS Niacinamide is a versatile ingredient that improves skin texture and tone, smoothing it out and providing a more even appearance. It also reduces fine lines, wrinkles, and hyperpigmentation helping to lighten dark spots and even out the tone. NS Niacinamide enhances these benefits by releasing the active ingredient gradually, prolonging its effects in the deeper layers of the skin. Additionally, the encapsulation platform hydrates the skin, boosting the overall effectiveness of the product.



Stimulus to **ceramide** synthesis



Dermo **calming** effect



Protection of the **skin barrier**



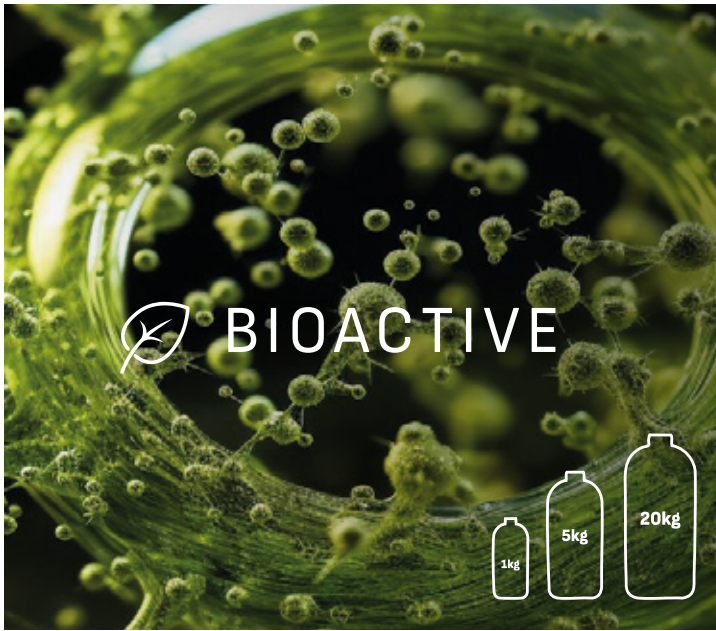
Stimulus to **cellular renewal** stimulus to **cellular energy**



Reduction of **hyperpigmentation**



Protection against **extracellular matrix** degradation




NS
OLIVE
UPCYCLING


Ov

REF. NS118/1	1 Kg
REF. NS118/5	5 Kg
REF. NS118/20	20 Kg


NS Olive Upcycle by Bettech utilizes olive pomace, rich in antioxidants that combat free radicals and protect against oxidative stress and aging. Its anti-inflammatory properties reduce interleukin-6 and TNF- α , promoting a calming effect. With nanotechnology, it enhances bioactive permeability through a biocompatible platform. NS Olive Upcycle combines nature and science for healthy, radiant skin.




Protection against the oxidative effects of **UV radiation**




Protection against **extracellular matrix** degradation




Stimulus to **cellular energy**



Anti-inflammatory properties



Dermo **calming** effect




Increase in the skin's **antioxidant** effect

NS
CHLORELLA


Ch

REF. NS116/1	1 Kg
REF. NS116/5	5 Kg
REF. NS116/20	20 Kg


NS Chlorella Detox combines nature and science. Chlorella sp., a freshwater microalga, has antioxidant and anti-inflammatory properties. With nano-encapsulation, it penetrates the deep layers of the skin, releasing the active ingredient through enzymatic trigger. It combats oxidative stress, maintains the skin's natural glow, reduces pro-inflammatory cytokines, and protects against pollution and environmental aggressors.




Protection against the oxidative effects of **UV radiation**



Detox effect



Stimulation of **elastin** synthesis




Anti-pollution effect

NS
QUERCETIN


Qe

REF. NS114/1	1 Kg
REF. NS114/5	5 Kg
REF. NS114/20	20 Kg


NS Quercetin is a plant-based antioxidant with anti-inflammatory properties, but its effectiveness in cosmetics is limited by sensitivity to oxidation and low solubility. NS Quercetin overcomes these barriers by reaching deeper layers of the skin and releasing the active ingredient through an enzymatic trigger. In addition to protecting against free radical damage, it stimulates the synthesis of elastin and collagen, improving firmness and elasticity, making it an ally in combating skin aging.




Increase in proteins related to **cellular longevity**



Skin firmness through **collagen** stimulation



Increased **antioxidant** effect on the skin




Protection against **extracellular matrix** degradation

NS
ASTAXANTHIN


Ax

REF. NS115/1	1 Kg
REF. NS115/5	5 Kg
REF. NS115/20	20 Kg


NS Astaxanthin is an innovative product utilizing astaxanthin, a potent antioxidant extracted from the microalga Haematococcus pluvialis. This carotenoid inhibits reactive oxygen species (ROS) and prevents premature skin aging. Its carrier platform ensures greater penetration and protection against oxidation, increasing treatment efficacy. With regular use, skin becomes more protected, healthy, and rejuvenated.




Protection against the oxidative effects of **UV radiation**




Protection against **extracellular matrix** degradation




Reduces **cellular senescence**



Anti-inflammatory properties



Improves skin firmness by **stimulating collagen**




Stimulus to **cellular energy**

NS
PHYCO


Py

REF. NS117/1	1 Kg
REF. NS117/5	5 Kg
REF. NS117/20	20 Kg


Phycobiliproteins are recognized in dermatology for their antioxidant, anti-wrinkle, and anti-aging properties, as well as for being safe colorants. Phycoerythrin works by reducing the enzymes Metaproteinases (MMP), thereby decreasing collagen degradation. NS Phyco Well Age is an innovation that harnesses the power of phycobiliproteins, promoting revitalized and healthy skin with an optimized delivery system.




Protection against the oxidative effects of **UV radiation**



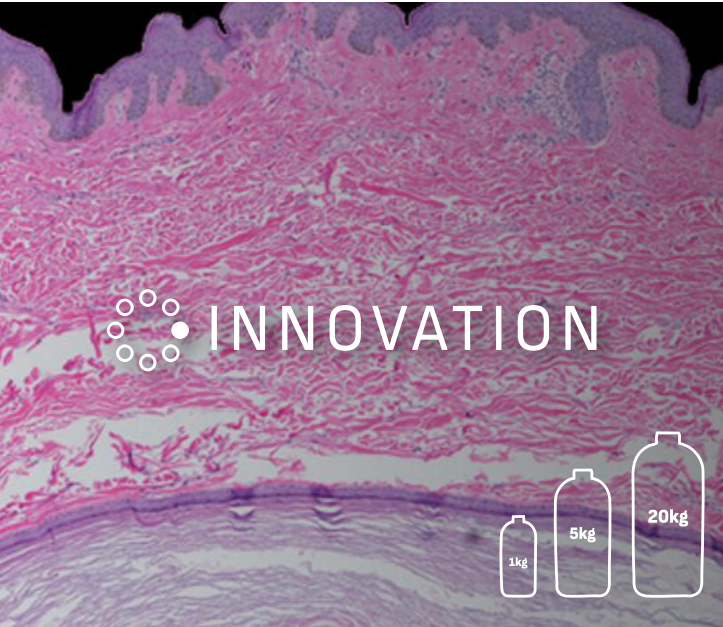
Strengthening of the **skin barrier**



Protection against **extracellular matrix** degradation



Reduces **collagen** and **elastin** degradation



NS

BAKUCHIOL

Bk

REF.	NS102/1	⊖ 1 Kg
REF.	NS102/5	⊖ 5 Kg
REF.	NS102/20	⊖ 20 Kg

Known as a vegan retinol or retinol-like, NS Bakuchiol stands out for its dermo calming properties, as well as stimulating collagen production and cell renewal, being better tolerated than retinol, especially by sensitive skin. NS Bakuchiol innovates the concepts of this incredible molecule, providing rapid and complete penetration into the deeper skin layers.

Anti-inflammatory action

Dermo **calming** effect

Reduces **oiliness**

Stimulation of **collagen** synthesis

Improves skin **firmness** and combats **sagging**

NS

BTX

BTX

REF.	NS113/1	⊖ 1 Kg
REF.	NS113/5	⊖ 5 Kg
REF.	NS113/20	⊖ 20 Kg

NS BTX is an innovative product for treating wrinkles and expression lines. Its formula contains a tripeptide that acts similarly to botulinum toxin, relaxing facial muscles and smoothing expression lines. Mimicking the function of a neurotoxin found in snake venom, it offers a "Botox-like" effect. Its advanced platform enhances skin penetration and protects the active, increasing efficacy and targeting facial muscle tissue.

Reduction of **facial muscle cell contractility**

Anti-wrinkle action by reducing the depth of expression lines

NS

RENEW

Rw

REF.	NS107/1	⊖ 1 Kg
REF.	NS107/5	⊖ 5 Kg
REF.	NS107/20	⊖ 20 Kg

Papain is a proteolytic enzyme widely used in dermatology to renew skin through a mild peeling mechanism. It is also employed as a skin absorption promoter. Niacinamide increases ceramide biosynthesis, improving the epidermal barrier and providing greater protection against pollution and UV radiation. NS Renew is a blend of these two ingredients, both in their nanoencapsulated form, to enhance performance and increase efficacy.

Stimulates **cell renewal**

Stimulates **cellular metabolism**

Strengthens the **skin barrier**

Stimulus to **ceramide** synthesis

NS

ENERGIZE

En

REF.	NS104/1	⊖ 1 Kg
REF.	NS104/5	⊖ 5 Kg
REF.	NS104/20	⊖ 20 Kg

Alpha-lipoic acid plays several essential roles in our metabolism. When applied topically, it has anti-inflammatory potential for the treatment of photoaging. Coenzyme Q10, in turn, has a preventive action against oxidative damage caused by sun exposure. This ingredient enhances the fight against natural oxidative stress and also supports cellular renewal. NS Energize combines these two substances into a single nanoparticle.

Protection against the oxidative effects of **UV radiation**

Stimulus to **cellular energy**

Stimulation of **collagen** and **elastin** synthesis

Dermo **calming** effect

Anti-inflammatory properties

NS

SENEÍNA

Se

REF.	NS131/1	⊖ 1 Kg
REF.	NS131/5	⊖ 5 Kg
REF.	NS131/20	⊖ 20 Kg

This product combines nanotechnology with three potent phenolic actives: oleuropein, quercetin, and fisetin. They act synergistically to combat cellular senescence. Oleuropein provides protection against oxidative damage, while quercetin and fisetin eliminate senescent cells (senolytic action) and modulate inflammatory processes (senomorphic action). Due to Bettech's advanced encapsulation technology, these actives reach the dermis, promoting younger, firmer, healthier skin.

Reduces **cellular senescence**

Senolytic and **senomorphic** action

Anti-inflammatory action

Protection against **extracellular matrix** degradation