

Nutreo



Smart Ingredients



Nutreo's ingredients
are distributed by
P.A.T. Products

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P.A.T.
PRODUCTS, INC.

Nutreo is a science and technology-driven food-tech company that enhances your brand through innovation. Nutreo was born with a commitment to contributing towards **a better-nourished world**. Today, we enhance the lives of over 23 million people by integrating our products into their daily diets.



Smart Ingredients

We offer high quality ingredients that are carefully selected for their excellent properties. They are perfect for increasing the nutritional characteristics of foods and drinks.

Our ingredients are classified into the following categories:

Nu.Hance[®]

Adaptogen &
Fermented Foods

Nu.Quel[®]

Aminochelated
Minerals

Nu.Fruit[®]

Amazonian
& Tropical Fruits

Nu.Oil[®]

Natural Oils

Nu.Treat[®]

Sugar Alternatives



Nu.Hance[®]

We have biotechnological capabilities to apply submerged liquid fermentation in order to create functional ingredients. We use the power of precision fermentation to improve products in the food and dietary supplement industries, providing natural and effective solutions to improve health and well-being.

Nutreo



Powdered Reishi

It is a powdered, water-soluble, thermostable functional ingredient. It is obtained biotechnologically (submerged culture) from the adaptogenic fungus *Ganoderma lucidum*, dried by Spray Drying. Several clinical studies demonstrate its effects on the immune system of children and adults.

Clinical Studies



β -glucans content

70%



Carrier

Maltodextrin **Ganogen®**

with clinical studies



Pack size

1K	5K	20K
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Immune System



Ganoderic Acids



Antioxidant properties



Solvent-free



Tasteless



High bioavailability



Thermostable



Vegan



High solubility








Powdered **Lion's Mane**



Lion's mane powder is an adaptogenic mushroom. The liquid product is obtained biotechnologically (submerged culture) from the fungus *Hericium erinaceus* (lion's mane) and is dried by Spray Drying.

 **β-glucans content**
50%


 **Carrier**
Prebiotic Fiber & Polidextrose

 **Pack size**

1K	5K	20K
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Cognitive health


Neural development


Neural connections


Solvent-free


Tasteless


High bioavailability


Thermostable


Vegan


High solubility



Powdered Apple Cider Vinegar

The vinegar concentration is 87%, with a content of the active ingredient (acetic acid) ranging from 10 to 12%. Additionally, it contains other bioactive compounds such as gallic acid, chlorogenic acid, ferulic acid, caffeic acid, and p-coumaric acid.

Improves digestive processes (the acidity helps in proper stomach digestion and provides natural digestive enzymes) and helps regulating blood glucose levels (improve glucose and insulin peaks)



Vinegar Concentration

87%



Carrier

Corn starch



Pack size

1K 7K



Natural food
preservative



Antibacterial
properties



Antioxidant
properties



Vegan



High
solubility



Nu.Quel®

In the field of nutrition and health, improving mineral absorption is paramount. Our NU.QUEL stands out for its high bioavailability, which means they are efficiently absorbed in the body. This is essential for fortifying foods and supplements, particularly benefiting groups at risk of deficiencies such as children, pregnant women, and the elderly.

In summary, organic minerals are an innovative solution to address deficiencies and enhance nutrition, standing out for their bioavailability and relevance in food fortification, making them essential components for promoting a healthy and balanced lifestyle.

Nutreo

Nu.Quel®



Magnesium Glycinate

It is a magnesium salt used as a dietary supplement, with superior bioavailability over other magnesium supplements.



Magnesium content

Glycinate: 19%



Bioavailability

High



Pack size

5K	10K	25K
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High
solubility

nutreo.co





Powdered Zinc

It is an organic source of zinc linked to an amino acid, for food fortification and supplementation. It is used as an organic resource in premixes, supplements and foods to support the immune system, energy and cognitive function.



Zinc content

Glycinate: 25% 18%

Bisglycinate: 10%



Bioavailability

High



Pack size

5K 10K 25K



High
solubility



Powdered Iron

It is a premix of iron bisglycinate and maltodextrin, designed to be included in the production of food products and nutritional supplements.



Iron content

Glycinate: 14,4% 10%



Bioavailability

High

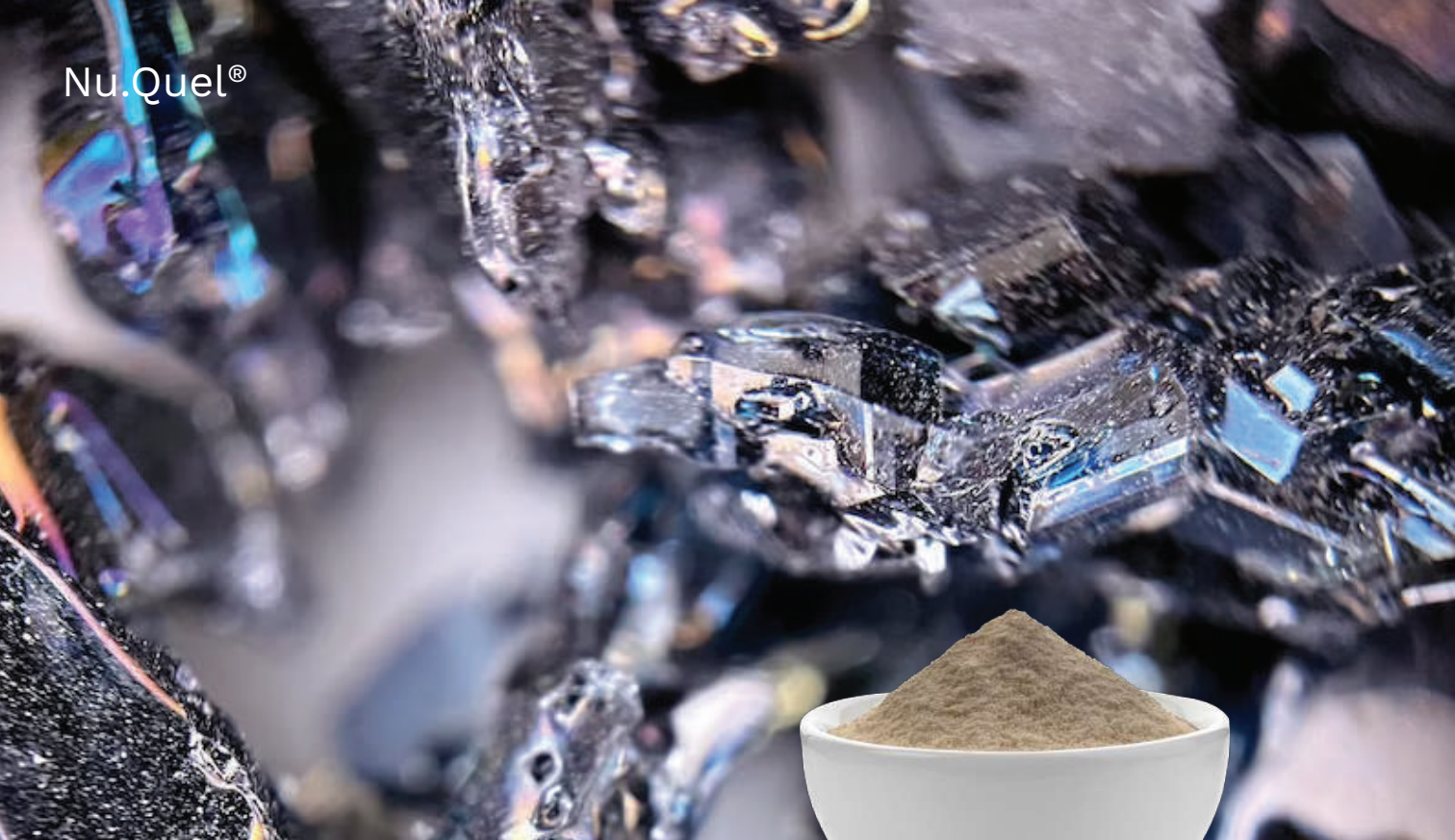


Pack size

5K	10K	25K
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High
solubility



Powdered Selenium

Organic Selenium is an organic source of selenium linked to an amino acid, for food fortification and supplementation.



Selenium content

Organic complex: 3%



Bioavailability

High



Pack size

5K	10K	25K
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High
solubility



Nu.Fruit[®]

Introducing Our Premium Line of Fruit-Derived Powdered Ingredients

Elevate your product quality with our exclusive range of powdered ingredients, meticulously crafted from 100% natural fruits using cutting-edge Spray Drying techniques. Our selection is thoughtfully curated, placing a special emphasis on fruits sourced from the bountiful Andean and Amazon regions, renowned for their exceptional vitamin content and nutritional attributes.

These extraordinary ingredients provide food brands with a distinct, top-tier solution to add functionality to their offerings with vitamins, minerals and bioactive compounds. Our commitment to scientific validation ensures that businesses have the means to enhance the excellence and desirability of their end products.

Let's join forces to propel your products to new heights of innovation and nutritional value.

Nutreo



Powdered Açai

(*Euterpe precatoria*)

Açai increases antioxidant enzymes and has neuroprotective properties, reducing neuroinflammation and stabilizing neurotransmitters. This can prevent diseases such as Parkinson's and Alzheimer's, in addition to having cardiac benefits, strengthening the immune system and improving sports performance, being also an "anti-aging" ingredient.



Açai pulp

74%



Carrier

Prebiotic fiber & Arabic Gum



Pack size

1K	5K	10K	20K
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Flavonoids
31%



Phenolic
Acids
23%



Anthocyanins
9%



12
Carotenoids




High
solubility





Powdered **Camu-Camu**

(*Myrciaria dubia*)

It is rich in polyphenols and vitamin C, which gives it a high antioxidant power. Vitamin C from camu camu has been shown to reduce inflammation and oxidative stress more effectively than synthetic vitamin C, thanks to the synergy with other antioxidants from camu camu (carotenoids, anthocyanins, polyphenols) and its potassium content, which improves the bioavailability of vitamin C.

 **Camu-Camu pulp**
87%

 **Carrier**
Prebiotic fiber & Arabic Gum

 **Pack size**

1K	5K	10K	20K
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Polyphenols


Phenolic
Acids


Vitamin C


Carotenoids


High
solubility



Powdered **Arazá** (*Eugenia stipitata*)

The arazá has an important nutritional value, its fiber content stands out (64%), minerals such as potassium, calcium and magnesium. Due to its antioxidant and anti-inflammatory potential, arazá has been shown to inhibit the growth of cancer cells in in vitro studies.

 **Arazá pulp**
74%

 **Carrier**
Arabic gum

 **Pack size**

1K	5K	10K	20K
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Phenolic
Acids


Vitamin C


Flavonoids


High
solubility



Powdered **Corozo fruit**

(*Bactris guineensis*)

Its active antioxidant compounds have been studied as neuroprotectors, since they contribute to the protection of astrocytes and neurons (brain cells) against oxidative stress. Similar functionalities to açaí.

 **Corozo pulp**
65%

 **Carrier**
Arabic gum

 **Pack size**

1K	5K	10K	20K
----	----	-----	-----



Anthocyanins



Carotenoids

Ca

Calcium

K

Potassium

Mg

Magnesium

P

Phosphorus



High
solubility



Powdered **Blackberry**

(Rubus glaucus benth)

Blackberry is a fruit with a high content of phytochemicals that have been shown to improve blood glucose, which is why they could have benefits in patients with Diabetes. Additionally, In vitro studies have shown that blackberry consumption favors the intestinal microbiota by stimulating the synthesis of SCFAs (short chain fatty acids), which could modulate the inflammatory response at the digestive and systemic - body level.



Blackberry pulp

57%



Carrier

Prebiotic Fiber



Pack size

1K	5K	10K	20K
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Carotenoids



Anthocyanins



Antioxidant
properties



Anti-inflammatory
properties



Anti-cancer
properties



High
solubility



Powdered Pineapple

(*Ananas comosus*)

Pineapple is rich in phytochemicals, fiber, vitamin C, polyphenols and carotenoids, with potential health benefits such as antioxidants, antivirals, anti-inflammatory and anti-cancer. It also contains bromelain, a proteolytic enzyme that improves protein digestion and has cardioprotective properties.



Pineapple pulp

60%



Carrier

Prebiotic Fiber



Pack size

1K	5K	10K	20K
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Carotenoids



Antioxidant
properties



Anti-inflammatory
properties



Anti-cancer
properties



High
solubility



Powdered Tahitian Lemon

(*Citrus latifolia*)

Lemon contains vitamin C, flavonoids and carotenoids with antioxidant and anti-inflammatory properties. Item also has citric acid to improve digestion, potassium for blood pressure, and fiber that benefits intestinal and cardiovascular health. Additionally, in vitro studies have shown that lemon juice can inhibit the growth of cancer cells.



Lemon juice

84%



Carrier

Acacia gum



Pack size

1K	5K	10K	20K
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Citric
Acid



Vitamin C



Flavonoids



High
solubility



Powdered Mandarin Lemon

(*Citrus limonia*)

Lemon contains vitamin C, flavonoids and carotenoids with antioxidant and anti-inflammatory properties. It also has citric acid to improve digestion, potassium for blood pressure, and fiber that benefits intestinal and cardiovascular health. Additionally, in vitro studies have shown that lemon juice can inhibit the growth of cancer cells. Higher carotenoid content.



Lemon juice

87%



Carrier

Corn starch



Pack size

1K	5K	10K	20K
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Citric
Acid



Vitamin C



Flavonoids



High
solubility




Powdered Orange

(*Citrus sinensis*)

Orange has multiple properties including antioxidant, anti-bacterial, antidiabetic, and antifungal activities due to the presence of phenolic acids, flavonoids, and essential oil components. These compounds help combat diseases such as cancer, heart diseases, and neurodegenerative disorders, as well as issues like osteoarthritis and ocular disorders. They also act as natural antioxidants, useful in the food industry to replace chemicals.

 **Orange juice**
60%

 **Carrier**
Prebiotic fiber

 **Pack size**

1K	5K	10K	20K
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Anti-inflammatory properties



Cardioprotective effect



Vitamins & minerals



Carotenoids



Flavonoids



Antioxidant properties



Anti-cancer properties



High solubility



Nu.Oil®

Our selection of natural oils, carefully extracted from diverse sources, reflects our commitment to quality and health. We offer solutions that go beyond palate satisfaction: we provide health food companies with the key to elevate the nutritional and sensory quality of their end products. With us as your trusted supplier, explore the potential of natural oils to reach new standards of excellence in your product line

Nutreo



Powdered Coconut Oil

It is recognized as one of the main dietary sources of SCFAs (50%). This type of fatty acids has a differential absorption mechanism that allows them to be absorbed intact in the small intestine and pass directly into the portal circulation, making them a readily available source of energy utilized by the body. Additionally, SCFAs stimulate the synthesis of ketone bodies, which are an alternative energy source for the brain in the absence of glucose.



Concentration

50%



Carrier

Corn starch



Pack size

1K	5K	10K	20K
----	----	-----	-----



Hepatoprotective
effect



Neuroprotective
effect



Cardioprotective
effect



Antioxidant
properties



Anti-cancer
properties



Nu.Treat[®]

In a world where health and wellness take center stage, we introduce our innovative portfolio of natural sweeteners, designed especially for the health food industry. We are proud to offer sustainable and delicious alternatives to traditional sugar, actively addressing the growing concern about high obesity rates. Our sweeteners, from a variety of natural sources, not only elevate the nutritional profile of products, but also meet the demands of health-conscious consumers. We are ready to be your strategic partner in creating sweet solutions that promote health without compromising taste.

Nutreo



AlluMonk 1:1

(Allulose + MonkFruit)

This low glycemic index sweetener provides 95% fewer calories than sugar and does not promote cavities, insulin release, or unwanted gastrointestinal discomfort. It may contribute to improved blood sugar control and fat metabolism.



Pack size

1K	5K	10K	20K
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1:1 sugar replacement



Keto friendly



Low glycemic index



All natural



Superior taste



High solubility

Smart Ingredients

Jobs

	Ingredient / Job	Immunity	Cognitive	Antioxidant	Beauty	Joint & Bones Health	Women's health	Gut health	Sugar alternative
Nu.Hance®	Reishi	•	•	•	•			•	
	Lion's Mane	•	•	•	•			•	
	Apple Cider Vinegar	•		•	•			•	
Nu.Quel®	Iron						•		
	Magnesium		•			•	•	•	
	Selenium	•		•	•		•		
	Zinc	•	•	•	•		•	•	
Nu.Fruit®	Açaí	•	•	•	•	•	•		•
	Camu-Camu	•		•	•	•	•		•
	Arazá	•		•	•	•	•		•
	Corozo	•	•	•	•	•	•		•
	Blackberry	•	•	•	•		•	•	•
	Pineapple			•	•			•	•
	Tahitian Lemon	•		•			•	•	•
	Mandarin Lemon	•		•			•	•	•
	Orange	•		•			•	•	•
	Nu.Treat®	AlluMonk 1:1							
Nu.Oil®	Coconut Oil		•	•				•	•

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