



NIS

Natural Ingredients Solution



WHO WE ARE

Natural Ingredients Solution

operates in the distribution sector of quality **raw materials** for the production of cosmetics, food supplements and nutritional products. Passion, curiosity and attention towards the **science/quality** binomial are the tools on which our company is founded.

SCIENTIFIC SUPPORT

In order to ensure the excellence and effectiveness of our products, we also provide our customers with scientific support based on numerous **clinical studies**.

NIS products are always sought after and full of natural components with many health properties.

Our mission is in fact to contribute to individual well-being thanks to the use of products of very high quality.

QUALITY, SAFETY AND RESEARCH

Our portfolio is the result of careful and constant market **research**. By putting on first place the consumer needs, we always offer innovative products, able to comply with the most rigorous and updated quality **safety standards**.

THE SOLUTION for each client

Thanks to a wide knowledge of the sector and the **international market**, we provide our partners with tailor-made solutions by offering a personalized service and highly competent **technical support**, that always meet the specific needs of each individual customer.

OUR BUSINESS

In addition to the distribution of raw materials, we offer **FULL SERVICE** for the manufacturing of a product idea. Since the formulation and raw material selection to the production ready for sale.



1.
TOP SELLER

2.
BOTANICAL
EXTRACTS

3.
ALGAE

4.
ACTIVE
COMPOUNDS

5.
AROMATIC
WATERS

6.
ESSENTIAL
OILS

FULL SERVICE



1. TOP SELLER

OUR BEST
SELLING PRODUCTS

1. TOP SELLER

INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
American Ginseng Extract	<i>Panax quinquefolius</i> L.	Ginsenosides 20% HPLC <u>Suggested Dosage</u> 100-250 mg/day Ginsenosides 10% <u>Suggested Dosage</u> 250mg/day	Adaptogen Tonic Nervous system health Relieve physical and mental fatigue
Red ginseng extract	<i>Ginseng Radix Rubra</i>	Total ginsenosides 5% <u>Suggested Dosage</u> 200-500 mg/day	Has a tonic-energizing action Promotes the body's ability to resist stress
Ginseng Extract	<i>Panax ginseng</i>	Ginsenosides 10% HPLC <u>Suggested Dosage</u> 200-500 mg/day	Tonic-energizing action Promotes the body's ability to resist stress
Apple extract	<i>Malus domestica</i>	Polyphenols 40% Polyphenols 50% <u>Suggested Dosage</u> 600 -660 mg/day Polyphenols 70-80% <u>Suggested Dosage</u> 300-360 mg/day	Anti-aging Antioxidant Activity on heart diseases Modulation / limitation of nutrient absorption
Ashwagandha Extract	<i>Withania Somnifera</i>	Withanolides ≥ 5.0% <u>Suggested Dosage</u> 200-600 mg/ day	Stress relief Cognitive function Physical performance Natural defenses of the organism
Astragalus Extract	<i>Astragalus membranaceus</i>	Polysaccharides 40% <u>Suggested Dosage</u> 150-300 mg /Day Astragaloside IV 10% <u>Suggested Dosage</u> 100mg/day Astragaloside IV 20% <u>Suggested Dosage</u> 50mg/day	Activity on diabetes Increase immunity Adaptogenic tonic Hepatoprotective activity Anti age
Bacopa	<i>Bacopa monnieri</i>	Bacopasides 40% USP <u>Suggested Dosage</u> 200-300 mg adults 50-100 mg children	Improves cognitive functions and in particular memory and concentration (Nootropic). Improves states of anxiety, nervousness and mental stress (Adaptogen).
Berberis vulgaris	<i>Berberis vulgaris</i>	Berberine Hydrochloride 97% HPLC <u>Suggested Dosage</u> 400-600mg/day	Promotes physiological liver and digestive function Regulates intestinal transit



INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
Black currant extract	<i>Ribes nigrum</i>	Anthocyanidins 25% <u>Suggested Dosage</u> 100 – 150 mg/day	Helps improve eye health Improves ocular blood flow Antioxidant Functionality of the microcirculation
Boswellia Serrata Extract	<i>Boswellia Serrata</i>	Boswellic acid 65% <u>Suggested Dosage</u> 300- 600 mg (Boswellic acid 65%) Boswellic acid 90% <u>Suggested Dosage</u> 200-400 mg (Boswellic acid 90%)	Support muscle & Joint health Helps to maintain healthy connective tissue Promote healthy inflammatory response Contrast of localized states of tension
Cranberry Extract	<i>Vaccinum Macrocarpon L.</i>	Proanthocyanidins 60% <u>Suggested Dosage</u> 300mg/day Proanthocyanidins 40% <u>Suggested Dosage</u> 150-200 mg/day	Helps prevent the onset of urinary tract infections Improves the functionality of the urinary tract
Fenugreek	<i>Trigonella foenum-graecum L</i>	Saponins ≥ 60.0% <u>Suggested Dosage</u> 400-600mg/day	Contributes to the improvement of male sexual function Regulates Testosterone levels Helps to increase male libido Metabolism of triglycerides and cholesterol
Ginger Root Extract	<i>Zingiber Officinalis</i>	Gingerol 10% HPLC <u>Suggested Dosage</u> 400-600mg/day	Treatment for digestive difficulties, bloating and flatulence and abdominal tension
Grape seed Extract	<i>Vitis Vinifera</i>	95% Proanthocyanidins <u>Suggested Dosage</u> 50-150 mg/day OPCs 40% Polyphenols 80% <u>Suggested Dosage</u> 100-200mg/day	Promotes the formation of collagen Improves the appearance of the skin Promotes cellular health, elasticity and skin tone Functionality of the microcirculation
Green Tea Extract	<i>Camellia sinensis</i>	Polyphenols 95%, EGCG40% <u>Suggested Dosage</u> 300-600mg/day	Body weight control Tonifying activity Physical and mental tiredness
Grapefruit seed Extract	<i>Citrus x paradisi.</i>	Bioflavonoids>50% HPLC <u>Suggested Dosage</u> 200-300mg/day	Fuctionality of microcirculation, Antioxidative ,blood flow improvement,Bacterial skin infections prevention



INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
Milk thistle Extract	<i>Silybum marianum</i>	Total Silymarin 80%UV <u>Suggested Dosage</u> 150-300 mg /day	Maintain healthy liver function Counteracts insulin resistance
Mucuna	<i>Mucuna pruriens</i>	Levodopa 15% <u>Suggested Dosage</u> 300 – 600 mg /day	Performs important functions in healthy tissue growth Mood regulation Promotes mental energy
Nopal Fiber	<i>Opuntia ficus-indica</i> L. (Mill.)	Powder <u>Suggested Dosage</u> 2-5 gr / day	Promotes the control of body weight in the context of controlled diets Modulates the absorption of fats and sugars taken from food
Papaya Extract	<i>Carica papaya</i>	Papain 200000 U/g <u>Suggested Dosage</u> 25-400mg Papain 1200000 U/g <u>Suggested Dosage</u> 25-100mg	Improves immunity Effective against intestinal worms Skin treatments: anti-aging, exfoliating, repair
Pomegranate Extract	<i>Punica granatum</i> Linn	40% Punicalagin <u>Suggested Dosage</u> 300-600 mg/day 40% Polyphenols <u>Suggested Dosage</u> 200-500mg/day	Antioxidant Inhibits the development of arteriosclerosis Reduce cardiovascular diseases
Raspberry Extract	<i>Rubus ideaus</i> L.	20% Raspberry Ketone <u>Suggested Dosage</u> 300-600mg/day	Powerful thermogenic Activates lipase enzyme Burn fat Weight loss
Red Yeast Rice Extract	<i>Monascus purpureus</i>	Total Monacolin K 3% <u>Suggested Dosage</u> 350 mg/day Total Monacolin K 5% <u>Suggested Dosage</u> 100 mg/day Total Monacolin K 0.2% <u>Suggested Dosage</u> 500-1000mg	Improve blood flow Maintain health cardiovascular function

INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
Saw Palmetto Oil Saw Palmetto Powder	<i>Serenoa repens</i>	Oil 85%-95% fatty acid GC (USP40) <u>Suggested Dosage</u> 300- 400 mg/day Powder 45% fatty acid GC <u>Suggested Dosage</u> 400 - 600mg/day	Maintain a healthy prostatic function Counteract Hair loss
Sophora Japongica Extract	<i>Sophora Japonica L.</i>	Quercetin≥98.0% UV <u>Suggested Dosage</u> 50-200mg/day	Antioxidant Anti-inflammatory Promotes blood circulation Strength the lining of blood vessels
Soybean extract	<i>Glycine max L.</i>	Isoflavones 40% <u>Suggested Dosage</u> 100-300 mg /day	Antioxidant Hormonal balance Contrast menopause disorders Lipid metabolism
Strawberry Extract	<i>Fragaria</i>	25% Polyphenols <u>Suggested Dosage</u> 100-300 mg /day	Antioxidant Reduce cardiovascular risk Enhance brain function
Tribulus	<i>Tribulus terrestris</i>	Saponins ≥40% <u>Suggested Dosage</u> 500-1000 mg/day	Increases sexual desire and activity Reduces the symptoms of menopause Tonic Physical and mental tiredness
Reishi Mushroom	<i>Ganoderma lingzhi</i>	30% Polysaccharides <u>Suggested Dosage</u> 500-1000mg/day	Improve immune system
Rhodiola Rosea E.	<i>Rhodiola Rosea l.</i>	Salidroside 3% HPLC <u>Suggested Dosage</u> 200-600mg/day Rosavins 3%+Salidroside 1% HPLC <u>Suggested Dosage</u> 200 - 400 mg/ one or twice a day 5% rosavins+2% Salidroside <u>Suggested Dosage</u> 350mg/day	Helps to counteract the mild depressive symptoms associated with asthenia Regulates the normal mood and increases the state of well-being Reduces mental and physical stress
Rosemary Extract Powder	<i>Rosmarinus officinalis L.</i>	Rosmarinic Acid 5% <u>Suggested Dosage</u> 300-600mg/day Rosmarinic Acid 10% <u>Suggested Dosage</u> 150-300mg/day Carnosic Acid 30% <u>Suggested Dosage</u> 50-200mg/day Ursolic Acid 50% <u>Suggested Dosage</u> 100- 250 mg/day	Antimicrobial Contributes to muscle growth and accelerate fat loss

2. BOTANICAL EXTRACTS

INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
Açaí	<i>Euterpe oleracea</i>	Polyphenols 10% <u>Suggested Dosage</u> 200- 400 mg/day	Antioxidant Body weight control Fights cellular aging
Acerola Cherry Extract	<i>Malpighia emarginata DC.</i>	Vitamin C 17% <u>Suggested Dosage</u> 500-1000mg/day	Antioxidant Improves nervous system function Boost immunity Contributes to bones health
Amla	<i>Phyllanthus emblica L.</i>	Gallic acid 5% <u>Suggested Dosage</u> 300-600mg/day	Protects cells against oxidative stress Reduce tiredness and fatigue
Apple extract	<i>Malus domestica</i>	Phloretin 98% <u>Suggested Dosage</u> 50 – 200 mg /day Phloridzin 90% <u>Suggested Dosage</u> 100 – 300 mg /day	Anti-aging Antioxidant Heart diseases treatment
Artichoke Extract	<i>Cynara scolymus Linn</i>	Cynarin 5% <u>Suggested Dosage</u> 300-600 mg /day	Control the Cholesterol level Improve the digestion function

INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
Beet root extract	<i>Beta vulgaris</i>	Betainin > 2.5% <u>Suggested Dosage</u> 500-1000 mg/day	Physical resistance improvement Liquid drain
Grape skin extract	<i>Vitis vinifera</i>	Polyphenols 40% <u>Suggested Dosage</u> 200-400mg/day	Antioxidant Protects cardiovascular system
Green Coffee Bean Extract	<i>Coffea arabica L.</i>	Chlorogenic Acids Hplc : > 50% Caffeine Hplc :> 2% <u>Suggested Dosage</u> 400mg/day	Prevent glycemc peaks after meals Promotes cardiovascular and metabolic health
Camu Camu	<i>Myrciaria dubia</i>	Fruit ≥25% Ascorbic acid <u>Suggested Dosage</u> 200-600 mg/day	Antioxidant Supports immune system Contributes to reduce tiredness and fatigue
Guarana	<i>Paullinia cupana</i>	≥ 8% Caffeine <u>Suggested Dosage</u> 200-600 mg/day	Supports positive mood Supports mental performance Contributes to increase energy levels
Mulberry extract	<i>Morus alba L.</i>	Cyanidin 3 Glucoside 15% <u>Suggested Dosage</u> 100 - 300 mg/day	Antioxidant Regularity of blood pressure
Pineapple Extract	<i>Annanas Comosus</i>	Enzymatic activity ≥600GDU/g (Pineapple steam, bromelain) <u>Suggested Dosage</u> 1000-2000mg/day Bromelain ≥100% (Pineapple fruit) <u>Suggested Dosage</u> 500-1000mg/day	Protein digestion Contributes to the normal function of gastrointestinal system Contributes to maintain muscular and articular health
Polygonum Cuspidatum Extract	<i>Polygonum Cuspidatum</i>	Resveratrol 98% <u>Suggested Dosage</u> 50-300 mg/day	Antioxidant Drainage of body fluids Regular functionality of cardiovascular system
Turmeric Root Extract	<i>Curcuma longa L.</i>	Total Curcuminoids HPLC ≥95% <u>Suggested Dosage</u> 200-600mg/day	Helps support the regulation of the immune and inflammatory response

- RATIO EXTRACTS - GLYCERINATED SICILIAN EXTRACTS

In addition to all the products included in our catalog, we supply glycerin extracts of Sicilian origin, obtained from fresh plants and fruits, and food vegetable glycerin. The following extracts are developed based under demand and customer's requirements, such as 2: 1- 5: 1-10: 1-20: 1.

ESTRATTI RATIO

INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
Baobab	<i>Adansonia digitata L.</i>	10:1	Antioxidant Regenerant Anti-age Anti-inflammatory
Blueberry Extract	<i>Vaccinium angustifolium L.</i>	10:1	Antioxidant Support heart health and reduce LDL cholesterol Protects against aging Eye Health
Cranberry Extract	<i>Vaccinium Macrocarpon L.</i>	10:1	Helps prevent the onset of urinary tract infections Improves the functionality of the urinary tract
Strawberry Extract	<i>Fragaria</i>	10:1	Antioxidant Reduce cardiovascular risk Enhance brain function
Watermelon Extract	<i>Citrullus lanatus</i>	10:1	Helps to lower inflammation and oxidative stress Prevent hearth diseases Improve digestion

ESTRATTI SICILIANI GLICERINATI

INGREDIENT	SPECIFICHE	BOTANICAL NAME
Blond Orange	1:2	<i>Citrus sinensis</i>
Bergamot Orange	1:2	<i>Citrus bergamia</i>
Broccoli leaves and fresh flowers	1:5	<i>Brassica oleracea var. italic</i>
Fresh artichoke leaves	1:5	<i>Cynara cardunculus</i>
Echinacea purpurea fresh flower	1:5	<i>Echinacea purpurea</i>
Whole prickly pear fruit	1:2	<i>Opuntia Ficus-indica</i>
Mandarin fruit	1:2	<i>Citrus reticulata</i>
Peppermint extract	1:5	<i>Mentha x piperita</i>
Passiflora fruit	1:5	<i>Passiflora incarnata</i>
Lemon	1:2	<i>Citrus limon (L.)</i>
Lemon balm	1:5	<i>Melissa officinalis</i>



3. ALGAE

INGREDIENT	BOTANICAL NAME	SPECIFICATIONS	APPLICATIONS
Chlorella	<i>Chlorella vulgaris</i>	50% protein <u>Suggested Dosage</u> <u>1-2gr/day</u> Powder <u>Suggested Dosage</u> <u>2-5 gr/day</u>	Detoxifying Purifying the body from toxins and heavy metals Digestion improvement Immunity
Spirulina	<i>Spirulina platensis</i>	60% protein <u>Suggested Dosage</u> <u>900 mg/day</u> Phycocyanin E180 <u>Suggested Dosage</u> <u>1-3 gr/day</u>	Boost energy Strengthen and improve hair health
DHA	<i>Schizochytrium sp.</i>	40% DHA <u>Suggested Dosage</u> <u>625 mg</u>	Improve cardiovascular and nervous system function Contributes to the correct function of diverse organs such as brain and eyes



4. ACTIVE COMPOUNDS

INGREDIENT	SPECIFICATIONS	APPLICATIONS
Alpha Lipoic Acid	99%-101% HPLC Dosage: <u>650 mg/day</u>	Enzymatic cofactor, in oxidative decarboxylation reactions Powerful antioxidant Improves cellular glucose uptake, assisting insulin activity
Coenzyme Q10	98% EP8.0 USP41 Dosage: <u>50- 150 mg/day</u>	Maintain energy Reduce aging Contributes to prevent chronic diseases such as Parkinson and muscular dystrophy
L-Glutathione	98.0%~101% Dosage: <u>100-300 mg/day</u>	Maintain energy Reduce aging Contributes to prevent chronic diseases such as Parkinson and muscular dystrophy
Lutein	20% oil 20% powder Dosage: <u>20-100mg/day</u>	Improves visual function and decreases discomfort in both artificial and natural light Antioxidant activity Anti-aging
Zeaxanthin	20% powder Dosage: <u>5- 25 mg/day</u>	Antioxidant Protects against damage from UV rays Increases elasticity and improves skin hydration

5. AROMATIC WATERS

Aromatic waters or hydrolates, are produced during the steam distillation of aromatic species being naturally saturated aqueous solutions in essential oils. Thanks to the low concentration of essential oil, they are widely tolerated and can be used daily and at any age to intervene in multiple situations with excellent results.

INGREDIENT	NAME	CAS NUMBER
Lavanda BIO	<i>Lavanda angustifolia flower extract</i>	90063-37-9
Rosa damascena	<i>Rosa damascena flower extract</i>	90106-38-0
Timo vulgaris BIO	<i>Thymus vulgaris leaf/stem water</i>	84650-52-2 / 84929-51-1
Mentha piperita	<i>Mentha piperita extract</i>	84082-70-2



SUPPLY CHAIN CONTROLLED BY


Exentiae
AUTHENTIC SICILIAN ESSENCE

6. ESSENTIAL OILS

All Exentiae essential oils are effective as remedies for many issues that we are used to dealing with the use of classic pharmaceutical products. Essential oils represent an alternative and less invasive natural solution. They are the expression of the aromatic substances present in some plants, concentrated to form a Phyto complex that contains all the active substances in synergy with each other.

Exentiae essential oils can be used:

- As food flavoring
- Dispersed in creams, oils or powders for cosmetic use
- For the preparation of household cleaning solutions



RED ORANGE



GREEN TANGERINE
OF CIACULLI



SICILY LEMON



Exentiae

AUTHENTIC SICILIAN ESSENCE

SUPPLY CHAIN CONTROLLED BY

INGREDIENT	CHEMOTYPE	CAS NUMBER
<i>Citrus limon peel</i>	<i>Limonene</i>	8008-56-8 / 84929-31-7
<i>Citrus aurantium dulcis peel</i>	<i>Limonene</i>	8008-57-9
<i>Citrus reticulata peel</i>	<i>Limonene</i>	8008-31-9 / 84929-38-4
<i>Citrus aurantium bergamia peel</i>	<i>Limonene, Acetato di linalile</i>	89957-91-5
<i>Citrus aurantifolia</i>	<i>Limonene, g-terpinene</i>	8008-26-2 / 90063-52-8
<i>Citrus paradisi peel</i>	<i>Limonene</i>	8016-20-4
<i>Rosmarinus officinalis flower</i>	<i>1,8 cineolo</i>	84604-14-8
<i>Lavandula angustifolia</i>	<i>Linalolo, linalil acetato</i>	8000-28-0 / 90063-37-9
<i>Lavandula hybrida</i>	<i>Linalolo</i>	8022-15-9 / 91722-69-9
<i>Salvia officinalis</i>	<i>1,8 cineolo</i>	8022-56-8 / 84776-73-8
<i>Thymus vulgaris</i>	<i>Timolo</i>	84929-51-1
<i>Coridothymus capitatus</i>	<i>Carvacrolo</i>	90131-59-2
<i>Origanum vulgare</i>	<i>Carvacrolo</i>	84012-24-8
<i>Mentha piperita</i>	<i>Mentolo</i>	8006-90-4 / 84082-70-2
<i>Melaleuca Alternifolia</i>	<i>Terpinen-4-olo</i>	85085-48-9 / 8022-72-8 / 68647-73-4

The Exentiae control system follows the path of the raw material from the cultivation field to the final processing laboratory, carried out directly or through partner companies of our supply chain that operate according to our quality regulations.

FULL SERVICE

Food Supplements Third Party Manufacturing

Natural Ingredients Solutions Srl continues to grow and since 2021 we are specialized in the production of food supplements, following each stage of the production process within our own **laboratory**.

We believe it is important that our customers have a wide offer, therefore we are able to satisfy any type of need and request. Whatever the size of the lot is, we can offer a solution efficient, fast and economic. From the research of raw materials and the formulation, to shipment ready for sale.



CAPSULES



TABLETS



SACHETS

Our formulations:

- Capsules (Type 0 and 00) (Production capacity 50,000 pieces / hour)
- Tablets (Round format, oval format) (Packaging in blister or pillbox) (Production capacity 50,000 pieces / hour)
- Sachets (3gr., 6gr, others) (Production capacity of 20 sachets / minute or 1200 sachets / hour)



RESEARCH and development

Thanks to our *controlled and certified* raw material portfolio we provide innovative and exclusive formulations that meet the needs of our customers, ensuring maximum **flexibility** and **high quality standards**.

CONSULTING and REGULATION

We are ready to provide our customers with the necessary support to **register their products** at national and international level, in compliance with local regulations.

GRAPHICS & PACKAGING

In addition to developing the formula, we develop for you also a new product, designing it in the most convenient way for the market.

LOGISTICS

Our logistics team supports the management of the **shipment** of your product to reach its **FINAL DESTINATION** without any obstacle.



Natural Ingredients Solution S.r.l.

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