



NIS

Natural Ingredients Solution



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WHO ARE WE?

Natural Ingredients Solution is the premium ingredients distributor focused on quality controls. NIS also supports its partners with formulation ideas, stockage service and small-scale manufacture.

NIS distributor operates in:

- Nutraceutical
- Food supplement
- Cosmetics

Passion, curiosity and attention towards the **science/quality** binomial are the tools on which NIS company is founded.



The SOLUTION for each client

Thanks to a wide knowledge of the nutraceutical industry and the international market, NIS meets its partners' needs with tailor-made solutions by providing a personalized service and highly competent technical support.

OUR EXPERTISE

In addition to the distribution, NIS offers a complete service from the selection of ingredients to the finished products, ready to market.

SCIENTIFIC SUPPORT

In order to ensure the excellence and effectiveness of the ingredients, NIS searches and shares high level literature **scientific support**.

NIS ingredients are carefully selected and naturally rich of active compounds with many health properties.

NIS mission is to contribute to individual well-being through science and quality.

Quality, Safety & Research

NIS portfolio is the result of a careful and consistent scientific and market research. Focusing firstly on partners' needs, NIS always offers innovative ingredients, able to comply with the most rigorous and updated quality standards and safety.

Bio-Organic Certified



1 THE BEST SELECTION OF NIS
BOTANICAL EXTRACTS

2 BOTANICAL
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3 ENZYMES

4 HIGH
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5 VITAMINS

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APPLICATIONS LEGEND



SKIN HEALTH



ANTIOXIDANT



URINARY TRACT HEALTH



ENERGY



CARDIOVASCULAR



WEIGHT
MANAGEMENT



DIGESTIVE SYSTEM



LIVER HEALTH



COGNITIVE
FUNCTIONS



MENTAL HEALTH



WOMAN HEALTH



IMMUNITY



HAIR LOSS



JOINT HEALTH

1 THE BEST SELECTION OF NIS BOTANICAL EXTRACTS

What follows is a selection of most requested botanical extracts. NIS is able to provide customized products, mix of ingredients and many specification of the same extract.



APPLE EXTRACT *Malus domestica*

- Polyphenol UV \geq 70-80%
 - Phlorizin HPLC \geq 5-8%
 - Chlorogenic Acid HPLC \geq 5-10%
 - Proanthocyanins B2 HPLC \geq 4%
- Suggested Dosage: 300-360 mg/day
- Polyphenol UV \geq 40%
- Suggested Dosage: 600-720 mg/day
- Polyphenol UV \geq 50%
- Suggested Dosage: 550-710 mg/day



BACOPA EXTRACT *Bacopa monnieri*

- Bacopsides 40% HPLC
- Suggested Dosage: 200-300 mg adults; 50-100 mg children
- Bacopsides 20% HPLC
- Suggested Dosage: 400-600 mg adults; 100-200 mg children



BERBERIS ARISTATA EXTRACT *Berberis aristata*

- Berberine Hydrochloride 97% HPLC
- Suggested Dosage: 400-600mg/day

*Forms available

- Powder
- Granular



CRANBERRY EXTRACT *Vaccinium macrocarpon, Aiton*

- Proanthocyanidins BL-DMAC $>$ 15%
 - Proanthocyanidins EP $>$ 85%
- Suggested Dosage: 200-300 mg/day
- Proanthocyanidins UV \geq 40%
- Suggested Dosage: 400-800mg/day
- Proanthocyanidins UV \geq 60%
- Suggested Dosage: 300-600mg/day



GINGER ROOT EXTRACT *Zingiber officinalis*

- Gingerol HPLC \geq 10%
- Suggested Dosage: 400-600mg/day



GRAPE SEED EXTRACT *Vitis vinifera*

- Total polyphenols* (Catechin eq.) UV \geq 100 %
 - Total polyphenols* (Gallic acid eq) Folin-Ciocalteu \geq 85%
 - Proanthocyanidins* (Procyanidin B2 eq) Porter \geq 99%
- Suggested Dosage: 50-150 mg/day



Grape Seed Extract

- Total polyphenols* (Catechin eq.) UV \geq 100 %
 - Total polyphenols* (Gallic acid eq) Folin-Ciocalteu \geq 85%
- Suggested Dosage: 50-150 mg/day

- Proanthocyanidins UV \geq 95%
- Suggested Dosage: 50-150 mg/day

- OPCs UV \geq 40%
 - Polyphenol UV (Folin-Ciocalteu) \geq 80.0%
 - Polyphenol UV \geq 95.0%
- Suggested Dosage: 50-150 mg/day

THE BEST SELECTION OF NIS BOTANICAL EXTRACTS



GREEN TEA EXTRACT *Camelia sinensis*

- Polyphenols UV \geq 95%
- EGCG HPLC \geq 40%
- Catechins HPLC \geq 60%
- Caffeine HPLC \geq 2%

Suggested Dosage: 300-600mg/day



MILK THISTLE EXTRACT *Silybum marianum*

- Silymarin UV \geq 80 %

Suggested Dosage: 150-300 mg /day



SAW PALMETTO EXTRACT *Serenoa repens*

OIL

- Oil fatty acid GC \geq 85%-95%

Suggested Dosage: 300- 400 mg/day

POWDER

- Powder fatty acid GC \geq 45%

Suggested Dosage: 400 - 600mg/day



RHODIOLA ROSEA EXTRACT *Rhodiola rosea L.*

- Rosavins HPLC \geq 3%
- Salidroside HPLC \geq 1%

Suggested Dosage: 200 - 400 mg/ one or twice a day

- Rosavins HPLC \geq 5%
- Salidroside HPLC \geq 2%

Suggested Dosage: 100 - 200 mg/ one or twice a day

Salidroside HPLC \geq 3%

Suggested Dosage: 50 - 100 mg/ one or twice a day



ROSEMARY EXTRACT *Rosmarinus officinalis L.*

• Rosmarnic Acid HPLC \geq 5%
Suggested Dosage: 300-600mg/day

• Rosmarnic Acid HPLC \geq 10%
Suggested Dosage: 150-300mg/day

• Carnosic Acid HPLC \geq 30.0%
Suggested Dosage: 50-200mg/day

• Ursolic Acid HPLC \geq 50%
Suggested Dosage: 100- 250 mg/day

2 BOTANICAL EXTRACTS

Botanical Extract selection has been built from a continuous market research and the Featured Claims for each botanical species.

All of them are able to be customized in regards to standardization and title method. Many other ingredients are available upon request



AÇAÍ EXTRACT

Euterpe oleracea

• Polyphenol UV≥10%
Suggested Dosage: 200- 400 mg/day



ACEROLA CHERRY EXTRACT

Malpighia emarginata DC.

• Vitamin C UV≥17%
Suggested Dosage: 500-1000mg/day

• Vitamin C UV≥35%
Suggested Dosage: 250-500mg/day



AMLA EXTRACT

Phyllanthus emblica L.

Gallic acid HPLC≥ 5%
Suggested Dosage: 300-600mg/day



AMERICAN GINSENG EXTRACT

Panax quinquefolius L.

• Ginsenosides HPLC≥ 10%
Suggested Dosage: 250mg/day

• Ginsenosides HPLC≥20%
Suggested Dosage: 100-250 mg/day



REISHI MUSHROOM

Ganoderma lingzhi

• Polysaccharides UV≥50%
Suggested Dosage: 300-600mg/day

• Polysaccharides UV≥30%
Suggested Dosage: 500-1000mg/day



RED GINSENG EXTRACT

Ginseng Radix Rubra

• Total ginsenosides HPLC ≥5%
Suggested Dosage: 200-500 mg/day



GINSENG EXTRACT

Panax ginseng C.A. Meyer

• Total ginsenosides HPLC ≥10%
Suggested Dosage: 200-500 mg/day



ARTICHOKE EXTRACT

Cynara scolymus L.

• Cynarin (As Chlorogenic Acid) UV ≥ 2,5%
Suggested Dosage: 600-1200 mg /day

• Cynarin (As Chlorogenic Acid) HPLC ≥ 5%
Suggested Dosage: 300-600 mg /day



ASHWAGANDHA ROOT EXTRACT

Withania somnifera

• Withanolides HPLC ≥ 2.5%
Suggested Dosage: 400-1200 mg/ day

• Withanolides HPLC ≥ 5.0%
Suggested Dosage: 200-600 mg/ day



ASTRAGALUS EXTRACT

Astragalus membranaceus

• Polysaccharides UV≥ 40%
• Astragaloside IV HPLC≥0,5%
Suggested Dosage: 150-300 mg /Day

• Astragaloside IV HPLC ≥ 10%
Suggested Dosage: 100mg/day

• Astragaloside IV HPLC ≥ 20%
Suggested Dosage: 50mg/day

2 BOTANICAL EXTRACTS



BEETROOT EXTRACT *Beta vulgaris*

- Betanin HPLC \geq 2.6%
- Suggested Dosage: 500-1000 mg/day



BLACK CURRANT EXTRACT *Ribes nigrum*

- Anthocyanins HPLC \geq 35%
 - Anthocyanidin UV \geq 25%
- Suggested Dosage: 80-300 mg/day



BILBERRY EXTRACT *Vaccinium myrtillus L*

- Anthocyanins HPLC \geq 5%
- Suggested Dose: 190-400mg/day
- Anthocyanidins UV \geq 15%
- Suggested Dose: 180-350 mg/day
- Anthocyanidins UV \geq 25%
- Suggested Dose: 160-320 mg/day



BOSWELLIA SERRATA EXTRACT *Boswellia serrata*

- Boswellic acid (Titration) \geq 65%
- Suggested Dosage: 300- 600 mg (Boswellic acid 65%)
- Boswellic acid (Titration) \geq 90%
- Suggested Dosage: 200-400 mg (Boswellic acid 90%)



BLACK PEPPER EXTRACT *Piper nigrum L.*

- Piperine HPLC \geq 95 %



CAMU CAMU FRUIT EXTRACT *Myrciaria dubia*

- Vitamin C (Titration) \geq 25%
- Suggested Dosage: 200-600 mg/day



COCOA SEED EXTRACT *Theobroma cacao*

- Polyphenol UV \geq 35%
- Suggested Dosage: 200-600 mg/day



DHA POWDER/DHA OIL *Schizochytrium sp.*

- DHA GC \geq 20% (Powder)
 - DHA GC \geq 40% (Oil)
- Suggested Dosage: 645mg/day



ECHINACEA EXTRACT *Echinacea angustifolia*

- Echinacoside HPLC \geq 4%
- Suggested Dosage: 500 mg/day
- Polyphenol UV \geq 4%
- Suggested Dosage: 650 mg /day



SOYBEAN EXTRACT *Glycine max L.*

- Isoflavones HPLC \geq 40%
- Suggested Dosage: 100-300 mg /day

2 BOTANICAL EXTRACTS



ELDELBERRY EXTRACT *Sambucus nigra L.*

- Anthocyanidin UV \geq 15%
- Polyphenols UV \geq 22%
- Suggested Dosage: 300-600 mg/day
- Flavones UV \geq 0.3%
- Suggested Dosage: 500-1000 mg/day



FENUGREEK EXTRACT *Trigonella foenum-graecum*

- Saponins UV \geq 50.0%
- Suggested Dosage: 500-1000 mg/day



GRAPE SKIN EXTRACT *Vitis vinifera*

- Polyphenol UV \geq 40%
- Suggested Dosage: 200-400mg/day



GREEN COFFEE BEAN EXTRACT *Coffea arabica L.*

- Chlorogenic Acid HPLC \geq 50%
- Caffeine HPLC \leq 2%
- Suggested Dosage: 200-400mg/day



GUARANÀ EXTRACT *Paullinia cupana*

- Caffeine \geq 10% HPLC
- Suggested Dosage: 200-600 mg/day



NOPAL FIBER *Opuntia ficus-indica L. (Mill.)*

- Total fiber \geq 40%
- Protein \leq 10%
- Suggested Dosage: 2-5 gr / day



POMEGRANATE EXTRACT *Punica granatum L.*

- Punicalagins HPLC \geq 40%
- Suggested Dosage: 300-600 mg/day



RED YEAST RICE EXTRACT *Monascus purpureus*

- Total Monacolin K HPLC \geq 3%
- Suggested Dosage: 350 mg/day
- Total Monacolin K HPLC \geq 5%
- Suggested Dosage: 100 mg/day
- Total Monacolin K HPLC \geq 0.2%
- Suggested Dosage: 500-1000mg



RICE BRAN EXTRACT *Oryza sativa L.*

- Ceramides HPLC \geq 1% / 5% / 10%
- Suggested Dosage: 10-30mg/day



TURMERIC ROOT EXTRACT *Curcuma longa L.*

- Total Curcuminoids HPLC \geq 95%
- Suggested Dosage: 200-600mg/day
- *Forms available
 - Powder
 - Granular
- Total Curcuminoids HPLC \geq 40%
- Water soluble
- Suggested Dosage: 400-1000mg/day

3 ENZYMES



PAPAYA EXTRACT

Carica papaya

- Papain 200000 U/g
 - Papain 1200000 U/g
- Suggested Dosage: 1-1,5 gr /day



PINEAPPLE EXTRACT

Annanas comosus

- Enzymatic activity ≥ 100 GDU/g
- Enzymatic activity ≥ 250 GDU/g
- Enzymatic activity ≥ 600 GDU/g
- Enzymatic activity ≥ 1600 GDU/g
- Enzymatic activity ≥ 2500 GDU/g

*Bromelain is measured in gelatin digesting units (GDUs) per gram.
Doses range from 80-400 milligrams per serving, two to three times daily.

4 HIGH STANDARDIZATION INGREDIENTS



ALPHA LIPOIC ACID

- HPLC 99%-101%
- Suggested Dosage: 650 mg/day
*Different options available regarding solvents
*Forms available
- Powder
 - Granular



CITRUS AURANTIUM L.

- Hesperidin HPLC $\geq 90\%$
- Suggested Dosage: 500-1000mg/day



L-GLUTATHIONE

- 98.0%-101%
- Suggested Dosage: 100-300 mg/day



SOPHORA JAPONICA EXTRACT

- Quercetin $\geq 98.0\%$ UV
 - Quercetin $\geq 95.0\%$ HPLC
- Suggested Dosage: 50-200mg/day
*Forms available
- Powder
 - Granular

- Rutin $\geq 95.0\%$ UV
- Suggested Dosage: 50-200mg/day



POLYGONUM CUSPIDATUM EXTRACT

- Resveratrol 98%
- Suggested Dosage: 50-300mg/day

5 VITAMINS

COENZYME Q10

- Coenzyme Q10 98%
- (Oxydation type)
- Coenzyme Q10 10%, 20%, 40% CWS

BIOTIN

- D-Biotin 98% (Vitamin H)

VITAMIN GROUP B

- Vitamin B1 (Thiamine HCL/MONO)
 - Vitamin B2 (Riboflavin)
- Vitamin B2 (Riboflavin Sodium Phosphate)
- Vitamin B3 (Nicotinamide/Nicotinic Acid)
 - Vitamin B5 (Calcium Pantothenate)
 - Vitamin B6 (Pyridoxine HCl)
 - Vitamin B9 (Folic Acid)
- Vitamin B12 (Cyanocobalamin) 98%/0,1%/1%
 - Mecobalamine 98%

VITAMIN C

- Vitamin C (Ascorbic Acid) 100 Mesh
 - Vitamin C Coat-97
- Vitamin C (Ascorbic Acid) Plan
 - Vitamin C Granule 97%
 - Sodium Ascorbate

6 ESSENTIAL OILS

Essential oils can boast an ancient tradition of use as remedies for many health disorders. Exentiae essential oils can represent an alternative natural, safe and less invasive solution. They enclose the richness of the plant in the form of a phytocomplex. 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.



ALSO AVAILABLE AS BIO/ORGANIC FORMAT



MANDARINO VERDE/ GREEN MANDARIN CIACULLI

Citrus reticulata peel oil 8008-31-9 / 84929-38-4

CHIODI DI GAROFANO FIORI E FOGLIE/ CLOVES FLOWERS AND LEAVES

Eugenia Caryophyllus leaf oil 84961-50-2

LITSEA/LITSEA

Litsea Cubeba oil 68855-99-2 / 90063-59-5



CIPRESSO/ CYPRESS

Cupressus sempervirens 8013-86-3 / 84696-07-1



EUCALIPTO CRUDO/ RAW EUCALYPTUS

Eucalyptus Globulus Leaf Oil 8000-48-4 / 84625-32-1



LAVANDULA HYBRIDA

Lavandula hybrida oil 8022-15-9 / 91722-69-9



LAVANDA ANGUSTIFOLIA

Lavandula angustifolia oil 8000-28-0 / 90063-37-9



TIMO THYMUS CAPITATUS

Coridothymus capitatus oil 90131-59-2



ROSMARINO OFFICINALE

Rosmarinus officinalis flower oil 84604-14-8



SALVIA OFFICINALE

Salvia officinalis oil 8022-56-8 / 84776-73-8



TIMO THYMUS VULGARIS

Thymus vulgaris oil 84929-51-1



TEA TREE OIL

Melaleuca Alternifolia leaf oil 85085-48-9 / 8022-72-8 / 68647-73-4



ARANCIA DOLCE ROSSA/ RED SWEET ORANGE

Citrus aurantium dulcis peel oil 8008-57-9

6 ESSENTIAL OILS

ARANCIA AMARA/ BITTER ORANGE Citrus aurantium dulcis peel oil 8008-57-9
LIMONE FEMMINELLO/ LEMON FEMINELLO Citrus limon peel oil 8008-56-8 / 84929-31-7
CEDRO/ CEDAR, CITRON Cedrus Atlantica Wood Oil - 8023-85-6 / 92201-55-3
PALMAROSA Cymbopogon martini oil - 84649-81-0
SALVIA SCLAREA/CLARY SAGE Salvia Sclarea Oil - 8016-63-5 / 84775-83-7
PINO/ PINE TREE Pinus Sylvestris Oil - 84012-35-1 / 94266-48-5
ELICRISO/ HELICHRYSUM Helichrysum Italicum Flower/Leaf/Stem Oil - 8023-95-8 / 90045-56-0
CAMOMILLA ROMANA/ ROMAN CHAMOMILE Anthemis Nobilis Flower Oil - 84649-86-5 / 8015-92-7
ROSA DAMASCENA/ DAMASK ROSE Rosa Damascena Flower Oil - 90106-38-0 / 8007-01-0
ISSOPO/ HYSOPO Hyssopus Officinalis Leaf Oil - 8006-83-5 / 84603-66-7

ORGANIC ESSENTIAL OILS

BERGAMOTTO/BERGAMOT Citrus limon peel oil 8008-56-8 / 84929-31-7
POMPELMO ROSA /PINK GRAPEFRUIT Citrus paradisi peel oil 8016-20-4
MENTHA PIPERITA Mentha piperita oil 8006-90-4 / 84082-70-2
GERANIO/ GERANIUM Pelargonium Graveolens Oil 8000-46-2 / 90082-51-2
LEMONGRASS Cymbopogon citratus leaf oil 89998-14-1
CANNELLA CEYLON SCORZE/ CINNAMON CEYLON PEELS Cinnamomum zeylanicum bark oil 84649-98-9

7 GLYCERINATE SICILIAN EXTRACTS

In addition to the botanical ingredients we supply glycerinate Sicilian extracts, Every batch is produced at the time of the request and it's obtained from fresh plants and fruits. The following excerpts are developed based under demand and partners' needs, such as 2: 1- 5: 1-10: 1-20: 1.

 ALSO AVAILABLE AS BIO/ORGANIC FORMAT

ARTICHOKE LEAVES Cynara cardunculus	POMEGRANATE Punica granatum
BASIL Ocimum basilicum L.	TYMUS Thymus vulgaris
BLOND ORANGE Citrus sinensis	 LEMON FRUIT Citrus limon (L.)
BROCCOLI LEAVES AND FRESH FLOWERS Brassica oleracea var. italic	LEMON BALM Melissa officinalis
 PRICKLY PEAR CLADODES Opuntia ficus-indica	MENTHA Mentha x piperita
PRICKLY PEAR FLOWERS Opuntia ficus-indica	GRAPEFRUIT Citrus x paradisi Macfad
 WHOLE PRICKLY PEAR FRUIT Opuntia ficus-indica	
MANDARIN FRUIT Citrus reticulata	
OLIVE LEAVES Olea europaea	
ORIGAN Origanum vulgare	
PEPPERMINT EXTRACT Mentha x piperita	
PASSIFLORA FRUIT Passiflora incarnata	



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