



AUSTRALIAN FUNCTIONAL NUTRACEUTICAL FLAVOURS, FRAGRANCES & INGREDIENTS

**Plant Extracts-Naturally Fermented Fruits and Vinegars
Cold Pressed Oils-Essential Oils-Phenolic Rich Powders**

NATURAL HEALTH AND WELLNESS FLAVOURS, FRAGRANCES & INGREDIENTS



**AUSTRALIAN PHENOLIC RICH PHYTONUTRIENTS
FOR NATURAL HEALTHCARE APPLICATIONS**

PRODUCT OVERVIEW

www.botanicalinnovations.com.au



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Cold Pressed Oils-Essential Oils-Phenolic Rich Powders

NEW FLAVOURS,FRAGRANCES, INGREDIENTS & PRIVATE LABEL

Botanical Innovations has spent 2 years undertaking research and development to create a new range of phenolic rich phytonutrients for functional applications as well as stand alone products suitable for private label.



All our products are shelf stable, easy to use and have a wide variety of applications.

This guide provides a brief overview of each of our product categories and key products and applications.

Please contact us or visit our webpage www.botanicalinnovations.com.au for further details about the functionality of our products, suggested applications and dosages.

Our core product areas are

- Plant Extracts
- Fermented Plant Extracts
- Fermented Fruits & Vinegars
- Cold Pressed Oils
- Fruit Powders
- Essential Oils

**CREATE-INNOVATE
DIFFERENTIATE YOUR
PRODUCT RANGE WITH
NEW FUNCTIONAL
FLAVOURS,FRAGRANCES &
INGREDIENTS**



AUSTRALIAN FUNCTIONAL INGREDIENTS

**Plant Extracts-Naturally Fermented Fruits and Vinegars
Cold Pressed Oils-Essential Oils-Phenolic Rich Powders**

NATURAL HEALTH AND WELLNESS BOTANICAL INNOVATIONS NEW PHENOLIC RICH PHYTONUTRIENT PRODUCT RANGE

Botanical Innovations has spent 2 years undertaking research and development to create proprietary technologies to manufacture a unique range of phenolic rich phytonutrients in the form of plant extracts-fermented fruits & vinegars, cold pressed oils & phenolic rich powders.

Botanical Innovations unique range of flavours, fragrances and ingredients have variety of applications for natural healthcare and wellness products.

Botanical Innovations Products incorporate the latest science and technology to extract, ferment, distill and cold press phenolic rich phytonutrients from natural timbers, plants, fruits and vegetables.

Our gentle processing of raw material ensures all our products are pure concentrated phenolic compounds.

Phenolic Rich Phytonutrient Product Range

Plant Extracts
Cold Pressed Seed Oils
Fruit Powders

Fermented Plant Extracts
Fermented Fruit & Vinegar
Essential Oils

Phenolic Rich Phytonutrient Natural Health & Wellness Applications

Private Label
Aromatherapy
Dairy Free Formulas
Health Supplements
Specialty Supplements
Topical Applications
Weight Management Formulations

Antioxidant formulations
Botanical Supplements
Fibre Formulations
Osteo Support Formulas
Sports Nutrition
Vitamin & Mineral Supplements
Whole Food Supplements

**Contact us to discuss your requirements, full
product guides and formulation advice.**



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BOTANICAL INNOVATIONS NEW PHENOLIC RICH PHYTONUTRIENTS PRODUCT RANGE

Botanical Innovations has spent 2 years undertaking research and development to develop proprietary technologies to manufacture its unique range of phenolic rich phytonutrients.

PLANT EXTRACTS

Red Grape Skin Extract
White Grape Skin Extract
Red Grape Seed Extract
White Grape Seed Extract
Australian French Oak Extract

FERMENTED PLANT EXTRACTS

Fermented Red Grape Seed Extract
Fermented White Grape Seed Extract
Fermented Red Grape Skin Extract
Fermented White Grape Skin Extract
Fermented Apple Peel Extract

COLD PRESSED SEED OILS

Australian Grape Seed Oil
Australian French Oak Grape Seed Oil
Australian Macadamia Grape Seed Oil
Australian Apple Seed Oil
Australian Apple Macadamia Seed Oil
Australian Sweet Cherry Seed Oil
Australian Sweet Cherry Macadamia Seed Oil

FERMENTED FRUIT & VINEGAR

Australian Apple Cider Vinegar

FRUIT POWDERS

Red Grape Seed Powder
White Grape Seed Powder
Apple Peel Powder

ESSENTIAL OILS

Australian Buddha Wood Essential Oil



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PHENOLIC RICH PHYTONUTRIENTS **FLAVOURS, FRAGRANCES & INGREDIENTS**

Botanical Innovations has unlocked nature's secrets to create a new class of flavours, fragrances and ingredients for functional nutraceutical applications.

Phenolic rich phytonutrients are the natural chemical compounds produced by plants from photosynthesis.

A plant's phenolic compounds are divided into primary and secondary.

Primary Phenolic Compounds (metabolites)

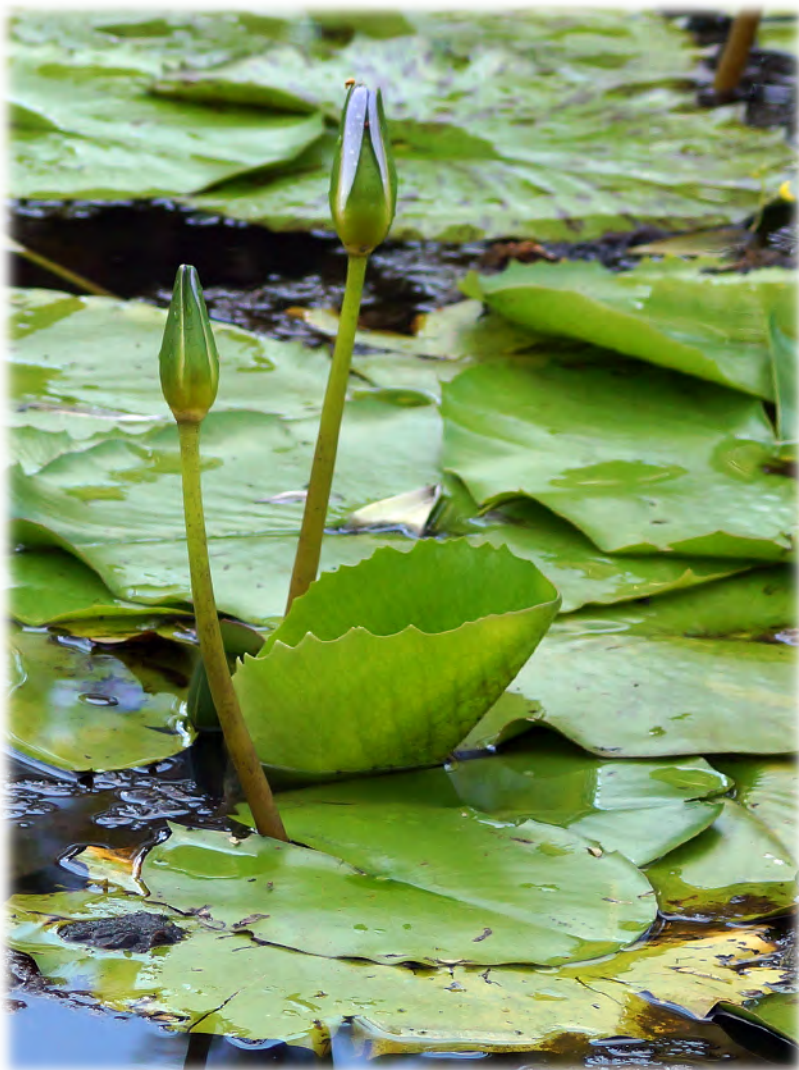
- Sugars
- Fatty Acids
- Amino Acids
- Nucleic Acids

Secondary Phenolic Compounds (metabolites) are more complex and believed to be responsible for the plant's respiratory systems and its ability to survive in the environment.

Secondary Phenolic Compounds include

Antioxidants

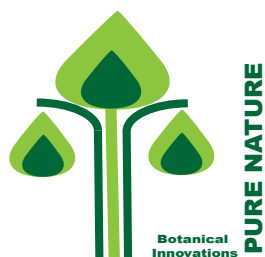
- Hydroxycinnamic Acids
- Hydroxybenzoic Acids
- Stilbenes
- Flavonoids
- Flavonols
- Flavan-3-ols



A plant will produce phenolic compounds to adapt to changing environmental conditions such as flood, drought, heat, cold, nutritional stress and disease. In evolutionary terms, phenols are believed to be responsible for plant migration from the sea to land when plants developed phenolic UV light screens and continued survival for millions of years.

Plants adapt to changing environmental conditions and stress by producing plant phenols which can produce free radicals and other oxidative compounds. Plants also have the ability to synthesize phenolic compounds which act as toxins and deterrents to insects, pathogens and other dangers as well as assist with attraction of insects for reproduction purposes.

Botanical Innovations has created a unique set of phenolic rich ingredients which contain concentrated phenolic compounds with unique properties developed by plants over millions of years.



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NATURAL HEALTHCARE APPLICATIONS

**BOTANICAL INNOVATIONS PRODUCTS HAVE A
RANGE OF NATURAL HEALTHCARE APPLICATIONS.**

**CONTACT US FOR TO DISCUSS YOUR
REQUIRMENTS, DETAILED
APPLICATION GUIDES AND
SCIENTIFIC LITERATURE**

PHARMACOLOGICAL ACTIONS

Antioxidants

Antioxidants inhibit or retard oxidation reactions. May counteract the damaging effects of oxidation in animal tissues.

Anti-Infective Agents

May prevent infectious agents or organisms from spreading or kill infectious agents in order to prevent the spread of infection.

Anti-coagulants

Agents that may assist in the prevention of blood clotting.

Free Radical Scavengers

May eliminate free radicals and among other effects, they may protect pancreatic islets against damage by cytokines and may prevent myocardial and pulmonary reperfusion injury.

**Anti-Inflammatory
Agents, Non-Steroidal
Cholagogues & Cholaretics
Anti-hypertensive Agents
Anti-Infective Agents
Anti-fungal Agents
Keratolytic Agents
Anti-carcinogenic Agents
Anti-neoplastic Agents,
Phytogenic
Enzyme Inhibitors
Platelet Aggregation
Inhibitors
Anti-mutagenic Agents
Protease Inhibitors**

	Plant Extracts	Fermented Plant Extracts	Fermented Fruit & Vinegars	Cold Pressed Oils	Powders	Essential Oils
Antioxidant Formulas	▪	▪	▪	▪	▪	▪
Aroma Therapy	▪	▪	▪	▪	▪	▪
Botanical Supplements	▪	▪	▪	▪	▪	▪
Dairy Free Formulas	▪	▪	▪	▪	▪	▪
Fibre Formulas	▪	▪	▪	▪	▪	▪
Health Supplement	▪	▪	▪	▪	▪	▪
Osteo Support Formulas	▪	▪	▪	▪	▪	▪
Private Label	▪	▪	▪	▪	▪	▪
Probiotic Supplements	▪	▪	▪	▪	▪	▪
Specialty Supplements	▪	▪	▪	▪	▪	▪
Sports Nutrition	▪	▪	▪	▪	▪	▪
Topical Applications	▪	▪	▪	▪	▪	▪
Vitamin and Mineral Supplements	▪	▪	▪	▪	▪	▪
Weight Management Formulas	▪	▪	▪	▪	▪	▪
Whole Food Supplements	▪	▪	▪	▪	▪	▪



CONTACT US FOR FURTHER DETAILS
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Cold Pressed Oils-Essential Oils-Phenolic Rich Powders**

PLANT EXTRACTS

WATER SOLUBLE LIQUID EXTRACTS

**CREATE - DIFFERENTIATE - COMBINE PHENOLIC RICH EXTRACTS
INTO YOUR FORMULATIONS & PRODUCTS TO CREATE TRULY
FUNCTIONAL PRODUCTS**

AUSTRALIAN RED GRAPE SKIN EXTRACT

Concentrated Red Grape Skin Extract with
Resversatrol and Anthocyanins.
Total Phenolic content: 30,000-70,000 mg/L

AUSTRALIAN RED GRAPE SEED EXTRACT

Concentrated Red Grape Seed Extract with
Anthocyanins, Phenols and Antioxidants.
Total Phenolic content: 30,000-70,000 mg/L

AUSTRALIAN WHITE GRAPE SKIN EXTRACT

Concentrated White Grape Skin Extract with
Resversatrol and Anthocyanins.
Total Phenolic content: 30,000-70,000 mg/L

AUSTRALIAN WHITE GRAPE SEED EXTRACT

Concentrated Red Grape Seed Extract with
Anthocyanins, Phenols and Antioxidants.
Total Phenolic content: 30,000-70,000 mg/L

AUSTRALIAN APPLE PEEL EXTRACT

Concentrated Apple Peel Extract with
Phenols, Quercetin, Antioxidants.
Total Phenolic content: 30,000-70,000 mg/L

AUSTRALIAN FRENCH OAK EXTRACT

Concentrated Roasted French Oak Extract
with Concentrated Phenols, Antioxidants,
Quercetin, Vescalagin, Castalagin, Eliagic
Acid.



Contact us for further details
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FERMENTED EXTRACTS

**NEW LIGHTLY ACIDIC FUNCTIONAL INGREDIENTS
WITH CONCENTRATED PHENOLS FOR ADDED
HEALTH & WELLNESS BENEFITS**

**NEW CLASS OF WATER
SOLUBLE EXTRACTS WITH
AN ACIDIC BASE TO
INCREASE SHELF LIFE
AND FUNCTIONALITY**

FERMENTED RED GRAPE SEED EXTRACT

Shelf stable preservative free slightly
acidic red grape seed extract with
concentrated Phenolics, Antioxidants.
& Anthocyanins. Total Phenolic content
10,000-50,000mg/L

FERMENTED WHITE GRAPE SEED EXTRACT

Shelf stable preservative free slightly
acidic white grape seed extract with
concentrated Phenolics, Antioxidants..
Total Phenolic content 10,000-50,000mg/L

FERMENTED RED GRAPE SKIN EXTRACT

Shelf stable preservative free slightly
acidic red grape skin extract with
concentrated Phenolics, Antioxidants..
Anthocyanins & Resveratrol.Total Phenolic
content 10,000-50,000mg/L

FERMENTED WHITE GRAPE SKIN EXTRACT

Shelf stable preservative free slightly
acidic white grape skin extract with
concentrated Phenolics, Antioxidants..
Anthocyanins & Resveratrol.Total Phenolic
content 10,000-50,000mg/L

FERMENTED APPLE PEEL EXTRACT

Shelf stable preservative free slightly
acidic apple peel extract with Quercetin,
Phenols and Antioxidants. Phenolic content
10,000-50,000mg/L.



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FERMENTED FRUITS AND VINEGARS

CREATE NEW PRODUCTS - ENHANCE EXISTING PRODUCTS
CONCENTRATED PHENOLIC PHYTONUTRIENTS
ANTIOXIDANTS PRE BIOTICS.

APPLE CIDER VINEGAR

Vinegar is one of the oldest fermented foods in the world with a recorded history of continuous use dating back 5,000 years.

Botanical Innovations slow fermentation process ensures its Apple Cider Vinegar is true to nature concentrating all the health and healing properties, phenolics and prebiotic phytonutrients that have ensured vinegar has survived through the centuries.

Botanical Innovations Apple Cider Vinegar has a variety of applications, Natural Healthcare, Cosmeceutical & Functional Foods & Beverages.

APPLE CIDER VINEGAR RAW

Traditionally fermented apple cider vinegar with 'Mother'
Unfiltered & Unpasteurised

APPLE CIDER VINEGAR OAK AGED RAW

Traditionally fermented apple cider vinegar aged with oak with 'Mother'.
Unfiltered & Unpasteurised

APPLE CIDER VINEGAR

Traditionally fermented apple cider vinegar.
Filtered & Pasteurised



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COLD PRESSED SEED OIL

After 2 years of research and development Botanical Innovations is bringing to the market a new and unique range of cold pressed seed oil. The process of cold pressing ensure the oils are true to nature and retain all the original nutritional, vitamin and phenolic rich pytonutrients.

AUSTRALIAN GRAPE SEED OIL

Botanical Innovations virgin grape seed oil is made from Australian cold climate grapes grown 600m above sea level. The temperature variations from -10 to 40 degrees celcius during the growing season provides the grapes with unique phenolic qualities which are present in the oil.

GRAPE SEED OIL

Rich pure oil light to dark green finishing oil

GRAPE MACADAMIA SEED OIL

Light green to gold oil finishing and carrier oil

GRAPE SEED OIL FRENCH OAK INFUSED

Green oil with deep rich aroma of oak

AUSTRALIAN SWEET CHERRY SEED OIL

This is a unique light bright yellow to golden oil made from Austrlaian cherries which are renowned world wide due to the unique growing conditions and pristine environment for the production of high quality phenols and antioxidants which are abundant in this unique oil.

SWEET CHERRY SEED OIL

Pure light golden finishing oil

SWEET CHERRY MACADAMIA SEED OIL

Gold finishing and carrier oil

AUSTRALIAN APPLE SEED OIL

This is a light bright oil made from Australian Apples. It is one of the finest oils on the market today with a variety of applications

APPLE SEED OIL

Pure light yellow finishing oil

APPLE MACADAMIA SEED OIL

Golden finishing and carrier oil





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FRUIT POWDERS

**NEW CLASS OF POWDERS COMBINING
PHENOL PHYTONUTRIENT-NATURAL FAT
FIBRE-SUGAR AND PROTEIN**

**BOTANICAL INNOVATIONS APPLE PEEL
AND GRAPE SEED POWDERS ARE EASY
TO STORE AND OPERATE.**

**THE PRODCUTS IS STABLE WITH AN
EXTENDED SHELF LIFE. APPLE PEEL AND
GRAPE SEED POWDERS IMPACT UPON THE
STRUCTURE, VISCOSITY AND CONSISTENCY
OF FINISHED PRODUCTS.**

APPLE PEEL POWDER

Apples are one of the most nutrient rich fruits on earth. Apple peels contain more nutrients than the rest of the apple. Botanical Innovations has create a unique range of products from Apple Skin which has a variety of applications.

RED GRAPE SEED POWDER

Red Grape Seeds are a rich source of phenols, antioxidants, anthocyanins. This fine powder can be blended into a variety of applications providing structure, colour and functionality.

WHITE GRAPE SEED POWDER

White Grape Seeds are a rich source of phenols, antioxidants, anthocyanins. This fine powder can be blended into a variety of applications providing structure, colour and functionality.



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ESSENTIAL OILS

AUSTRALIAN BUDDHA WOOD ESSENTIAL OIL

AUSTRALIAN DESERT ROSEWOOD ESSENTIAL OIL

DIFFERENTIATE YOUR PRODUCTS A NEW AROMA PROFILE

AUSTRALIAN BUDDHA WOOD ESSENTIAL OIL

A RICH DELICATE SWEET WOODY AROMA WITH A HINT OF VANILLA

Product Name: Buddha Wood Essential Oil

Botanical Name: *Eremophila Mitchellii*

Common Names: **Australian Desert**

Rosewood

Essential Oil

Description: Oil from *Eremophila Mitchellii* heartwood.

Until now the two most prized essential oils derived from wood in the world have been Agarwood and Sandalwood.

The commercial production of Buddha Wood or Australian Desert Rosewood essential oil creates a third sustainably harvested wild timber essential oil for the cosmetic and nutraceutical market.



Buddha Wood Essential Oil is the Australian essential oil derived from the *Eremophilla Mitchellii* tree which has similar properties and chemistry to Agarwood and Sandalwood with its own distinct deep aroma.

APPLICATIONS INCLUDE PERFUME, FRAGRANCE, MASSAGE OIL, SKIN CARE, AROMATHERAPY AND THERAPEUTIC APPLICATIONS AS AN ANALGESIC FOR MUSCLE AND JOINT PAIN MANAGEMENT.



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Botanical Innovations has spent 2 years undertaking research and development to develop proprietary technologies to manufacture its unique range of phenolic rich phytonutrients.

Botanical Innovations Products

PLANT EXTRACTS

Red Grape Skin Extract
White Grape Skin Extract
Red Grape Seed Extract
White Grape Seed Extract
Australian French Oak Extract

FERMENTED PLANT EXTRACTS

Fermented Red Grape Seed Extract
Fermented White Grape Seed Extract
Fermented Apple Peel Extract

COLD PRESSED SEED OILS

Australian Grape Seed Oil
Australian French Oak Grape Seed Oil
Australian Macadamia Grape Seed Oil
Australian Apple Seed Oil
Australian Apple Macadamia Seed Oil
Australian Sweet Cherry Seed Oil
Australian Sweet Cherry Macadamia Seed Oil

FERMENTED FRUIT & VINEGAR

Australian Apple Cider Vinegar

FRUIT POWDERS

Red Grape Seed Powder
White Grape Seed Powder
Apple Peel Powder

ESSENTIAL OILS

Australian Buddha Wood Essential Oil



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