



Botanical
Innovations

PURE NATURE

AUSTRALIAN FUNCTIONAL NUTRACEUTICAL FLAVOURS, FRAGRANCES & INGREDIENTS

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

FIBRE

**APPLE PEEL POWDER & GRAPE SEED POWDER
FOR BAKERY. FLOURS, PASTAS, READY MADE MEALS**





AUSTRALIAN FUNCTIONAL NUTRACEUTICAL FLAVOURS, FRAGRANCES & INGREDIENTS

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Cold Pressed Oils-Essential Oils-Phenolic Rich Powders

FIBRE

APPLE PEEL POWDER & GRAPE SEED POWDER

FUNCTIONALITY AND HEALTH BENEFITS

Functional Benefits

Added Fibre

Grape Seed Powder 45%

Apple Peel Powder 30%

Taste

Flavour Neutral and Masks bitterness

Tolerance

Well tolerated

Helps maintain intestinal regularity with
minimal gastric discomfort

Texture

Minimal viscosity

No texture/Mouthfeel changes

Clean Label

No additives or preservatives

Apple Peel Powder 100% Apple

Grape Seed Powder 100% Grape Seed

Gluten Free

Non GMO

Processing Benefits

Powder Stability

Processing Stability

High Dispersibility



Apple Peel Powder Grape Seed Powder

Health Benefits

Weight Management

Increases feeling of fullness

Helps reduce cravings for food

Provides energy

Promotes regularity

Improves intestinal movement

Helps colon health



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FIBRE

APPLE PEEL POWDER & GRAPE SEED POWDER

FUNCTIONALITY AND HEALTH BENEFITS

Recommended Daily Dietary Fibre
Intake

Children	20g
Men	Under 50 years 30g
Men	Over 50 year 40g
Women	Under 50 20g
Women	Over 50 25g

APPLE PEEL POWDER
35% DIETARY FIBER
35g Per 100g

GRAPE SEED POWDER
45% DIETARY FIBRE
45g Per 100g



Recommended Application Rate for Addition to Common Flours and Starches 10-20%

	Fibre Content per 100g	Fibre Content Plus 10g Apple Peel Powder	Fibre Content Plus 10g Grape Seed Powder	Fibre Content Plus 20g Apple Peel Powder	Fibre Content Plus 20g Grape Seed Powder
Wheat Flour all purposes	2.7	5.7	7.2	8.7	11.7
Rice Flour White	2.7	5.7	7.2	8.7	11.7
Cornmeal Flour	2.7	5.7	7.2	8.7	11.7
Potato Flour	2.7	5.7	7.2	8.7	11.7
Tapioca Starch	2.7	5.7	7.2	8.7	11.7
Cornstarch	2.7	5.7	7.2	8.7	11.7

Fibre from Apples and Grape Seeds has a positive impact on the prevention and management of chronic diseases including heart disease and obesity.



AUSTRALIAN FUNCTIONAL NUTRACEUTICAL FLAVOURS, FRAGRANCES & INGREDIENTS

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

DATA SHEET PRODUCT APPLE PEEL POWDER

New Class of Powders combining Phenolics--Fibre and Protein, Vitamin A, Vitamin C, Calcium and Iron.

APPLE PEEL POWDER is a primary source of phenolics, protein, natural sugars and fibre in finished products.

INGREDIENTS

Botanical Name: *Malus domestica*, *Malus pulila*
CAS: 89957-48-2

100% Australian Apple Peel

Free from preservatives, fillers and additives.

CONCENTRATED PHYTONUTRIENTS

APPLE PEEL POWDER contains the following highly concentrated natural compounds

Antioxidants: Capture oxygen delaying oxidation which may prevent or delay cell damage.

Phenols: Large group of molecules found in plants. These compounds are responsible for the taste, colour and mouthfeel and are divided into phenolic acids and flavonoids.

APPLE PEEL POWDER contains concentrated quercetin, triterpenoids, ursolic acid, vitamin A, Vitamin C, Calcium and Iron.



APPLE PEEL POWDER DIFFERENTIATE YOUR PRODUCT WITH A NEW NATURAL PLANT PHENOL, SUGAR, PROTEIN, ENERGY & FIBRE PROFILE

APPLE PEEL POWDER impacts upon the structure, viscosity and consistency of the finished product. It is easy to store and operate. The product is stable with an extended shelf life.

APPLICATIONS FLAVOUR & INGREDIENT PRIVATE LABEL

Origin	Australia
Shelf Life	Unopened 24 Months
MOQ	1kg

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Made in
Australia
with 100%
Australian
Ingredients



Botanical
Innovations

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AUSTRALIAN FUNCTIONAL NUTRACEUTICAL FLAVOURS, FRAGRANCES & INGREDIENTS

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

DATA SHEET PRODUCT APPLE PEEL POWDER

SPECIFICATIONS

APPLE PEEL POWDER

Colour	Ligth green to Light Brown
Protein	5%
Total Carbohydrates	45%
Dietary Fibre	30%
Sugar	10%
Energy	222kcal 933 kj
Concentrated Polyphenols	
Vitamin C	
Vitamin A	
Iron	
Calcium	



PACKAGING

1kg, 5kg, 10kg Tubs
20kg Bags

SHELF LIFE AND STORAGE

Shelf Life 2 years from date of manufacture
Store in cool dry environment below 25 degrees celcius.

ALLERGENS

	Contains/ Potential Contamination
Cereals & cereal products + Gluten	No
Crustaceans & their products	No
Eggs & egg products	No
Fish & fish products	No
Peanuts or peanut products	No
Soybeans or their products	No
Milk or milk products	No
Nuts & nut products	No
Celery & celery products	No
Mustard & mustard products	No
Sesame seeds & sesame products	No
Sulphur dioxide & sulphites	No



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AUSTRALIAN FUNCTIONAL NUTRACEUTICAL FLAVOURS, FRAGRANCES & INGREDIENTS

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

DATA SHEET PRODUCT

RED GRAPE SEED POWDER

New Class of Powders combining
Phenolics-Natural Oils-Fibre and Protein.

RED GRAPE SEED POWDER is a primary
source of phenolics and natural fats. protein,
natural sugars and fibre in finished products.

INGREDIENTS

Botanical Name: *Vitis Vinifera*

CAS: 84929-27-1

100% Australian Grape Seeds

RED GRAPE SEED POWDER

Free from preservatives, fillers and additives.

CONCENTRATED PHYTONUTRIENTS

RED GRAPE SEED POWDER contains the
following highly concentrated natural compounds

Antioxidants: Capture oxygen delaying oxidation
which may prevent or delay cell damage

Phenols: Large group of molecules found in plants.
These compounds are responsible for the taste,
colour and mouthfeel and are divided into phenolic
acids and flavonoids.

Phenols present in RED GRAPE SEED

POWDER Phenolic acids and Flavonoids,
Vitamin C, Vitamin E, Anthocyanins,
Linoleic Acid; Omega 6 poly unsaturated fatty acid,
Oleic Acid; Omega 9 mono unsaturated fatty acid



RED GRAPE SEED POWDER

**DIFFERENTIATE YOUR
PRODUCT WITH A NEW
NATURAL PLANT PHENOL,
SUGAR, FAT & FIBRE PROFILE**

RED GRAPE SEED POWDER
impacts upon the structure, viscosity
and consistency of the finished
product. It is easy to store and
operate. The product is stable with
extended shelf life.

Applications Flavour & Ingredient

Origin	Australia
Shelf Life	Unopened 24 Months
MOQ	1kg

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

DATA SHEET

PRODUCT

RED GRAPE SEED POWDER

SPECIFICATIONS

RED GRAPE SEED POWDER

Colour	Red to Deep Red Brown
Total Fat	8-30%
Cholesterol Free Fat	100%
Total Phenols	3.-8%
Protein	8-15%
Fibre	40-50%
Brix	5-20%

**DIFFERENTIATE YOUR
PRODUCT WITH A NEW
NATURAL PLANT PHENOL,
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PACKAGING

1kg, 5kg, 10kg Tubs
20 kg Bags

SHELF LIFE

Shelf Life 2 years unopened in current packaging.

ALLERGENS

	Contains/ Potential Contamination
Cereals & cereal products + Gluten	No
Crustaceans & their products	No
Eggs & egg products	No
Fish & fish products	No
Peanuts or peanut products	No
Soybeans or their products	No
Milk or milk products	No
Nuts & nut products	No
Celery & celery products	No
Mustard & mustard products	No
Sesame seeds & sesame products	No
Sulphur dioxide & sulphites	No



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

DATA SHEET PRODUCT

WHITE GRAPE SEED POWDER

New Class of Powders combining
Phenolics-Natural Oils-Fibre and Protein.

WHITE GRAPE SEED POWDER is a
primary source of phenols and natural; fats.
protein, sugars and fibre in finished
products.

INGREDIENTS

Botanical Name: *Vitis Vinifera*

CAS: 84929-27-1

100% Australian Grape Seeds

WHITE GRAPE SEED POWDER

Free from preservatives, fillers and additives.

CONCENTRATED PHYTONUTRIENTS

WHITE GRAPE SEED POWDER contains the
following highly concentrated natural compounds
Antioxidants: Capture oxygen delaying oxidation
which may prevent or delay cell damage
Phenols: Large group of molecules found in plants.
These compounds are responsible for the taste,
colour and mouthfeel and are divided into phenolic
acids and flavonoids.

**Phenols present in WHITE GRAPE SEED
POWDER** Phenolic acids and Flavonoids,
Vitamin C, Vitamin E, Anthocyanins,
Linoleic Acid; Omega 6 poly unsaturated fatty acid,
Oleic Acid; Omega 9 mono unsaturated fatty acid

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WHITE GRAPE SEED POWDER

**DIFFERENTIATE YOUR
PRODUCT WITH A NEW
NATURAL PLANT PHENOL,
SUGAR, FAT & FIBRE
PROFILE.**

WHITE GRAPE SEED POWDER
impacts upon the structure, viscosity
and consistency of the finished
product. It is easy to store and
operate. The product is stable
with extended shelf life.

APPLICATIONS FLAVOUR & INGREDIENTS

Origin	Australia
Shelf Life	Unopened 24 Months

MOQ



Made in
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with 100%
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1kg

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

DATA SHEET PRODUCT

WHITE GRAPE SEED POWDER

SPECIFICATIONS

WHITE GRAPE SEED POWDER

Colour	Light Brown-Orange
Total Fat	8-30%
Cholesterol Free Fat	100%
Total Phenols	3.-8%
Protein	8-15%
Fibre	40-50%
Brix	5-20%

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PACKAGING

1kg, 5kg, 10kg Tubs
20kg Bags

SHELF LIFE

Shelf life 2 years unopened in original packaging.

ALLERGENS

	Contains/ Potential Contamination
Cereals & cereal products + Gluten	No
Crustaceans & their products	No
Eggs & egg products	No
Fish & fish products	No
Peanuts or peanut products	No
Soybeans or their products	No
Milk or milk products	No
Nuts & nut products	No
Celery & celery products	No
Mustard & mustard products	No
Sesame seeds & sesame products	No
Sulphur dioxide & sulphites	No



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Cold Pressed Oils-Essential Oils-Phenolic Rich Powders

BOTANICAL INNOVATIONS



Botanical Innovations is an Australian Bio Technology company adding value to naturally occurring elements to create functional food and beverage solutions, which combine taste and function.

The company invests heavily in research and development leading to innovations, new products and proprietary production methodologies and the development of a unique range of **AUSTRALIAN FUNCTIONAL NUTRACEUTICAL, Flavours, Frances & Ingredients for Functional Foods & Beverages, Natural Healthcare and Cosmeceutical Applications.**

The Botanical Innovations product range includes, Plant Extracts, Fermented Plant Extracts, Cold Pressed Seed Oils, Fermented Fruit & Vinegar, Fruit Powders & Essential Oils.

By unlocking natures secrets Botanical Innovations has created new classes of flavours, fragrances and ingredients that contain phenolic rich phyto nutrients the natural chemical compounds produced by plants from photosynthesis.

Our database of scientific literature provides our customers with access to the latest research and applications for our unique range of products.

Botanical Innovations products include:

Plant Extracts and Fermented Plant Extract

Grape Seed Extracts
Grape Skin Extracts
Apple Peel Extracts
French Oak Extracts

Cold Pressed Oils

Grape Seed Oil
Cherry and Macadamia Seed Oil
Grape and Macadamia Seed Oil

Essential Oils and Aromatic Waters

Basil
Oregano
Persian Catnip
Thyme

Fruit Powders

Grape Seed
Apple Peel

Botanical Innovations using proprietary technology has created the following unique Flavours, Fragrances and Ingredients from Australian apples and apple pomace.

APPLE PRODUCTS

Apple Extract Flavour and Sweetener
Apple Cider Vinegar
Apple Cider Vinegar Powder
Cold Pressed Apple Seed Oil
Apple Peel Extract
Apple Peel Powder

CONTACT US

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FIBRE APPLE PEEL POWDER & GRAPE SEED POWDER



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