



# AUSTRALIAN FUNCTIONAL NUTRACEUTICAL FLAVOURS, FRAGRANCES & INGREDIENTS

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

## DATA SHEET PRODUCT

### AUSTALIAN FRENCH OAK EXTRACT

Differentiate your product range, aroma and functional health profile with concentrated antioxidants, and phenols.

#### INGREDIENTS

Product Name: **AUSTRALIAN FRENCH OAK EXTRACT**

Botanical Name: Quercus Robur

CAS: 97676-29-4

Description: French Oak Wood Extract

#### PRODUCT RANGE

##### FRENCH OAK EXTRACT

Sensual Oak Aroma. Cinamon, Musk, Woody Notes  
Concentrated Phenol

#### CONCENTRATED NATURAL COMPOUNDS

French Oak Extract contains concentrated phenols  
**Antioxidants:** Capture oxygen delaying oxidation which may prevent or delay cell damage.

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

**Australian French Oak Extract** contains:

**Gallic Acids, Ellagic Acids, Vanillic Acids, Syringic Acids, Ferulic Acids, Vanillin, Syringaldehyde, Syringic Acid, Aesculetin, Scopoletin, Roburins A-E, Grandinin, Vescalagin, Castalagin.**<sup>(1)</sup>

(1) Oh Zhang, Jian Cai, Chang-Qing Duan, Malcolm J Reeves, Fei He, A Reivew of Polyphenolics in Oak Woods, Int, J. Mol, 2015,16,6978-7104; doi:10.3390/jms 1604 6978.

#### TRADITION AND HISTORY

There are over 600 varieities of Oak trees distributed throughout the Northern Hemisphere. The timber has been valued for centuries for ship building, fine furniture and panelling. One of the earliest uses of Oak was for manufacturing barrels for wine dating back to 2000 years to Ancient Rome. Wine aging oak barrels was practical and improved the falvour of wine due to the unique phenolic content of the heartwood. It is these phenolic compounds that have been concentrated in Botanical Innovations Australian French Oak Extract.



#### AUSTRALIAN FRENCH OAK EXTRACT

#### CONCENTRATED PHENOLS ANTIOXIDANTS

#### SENSUAL OAK AROMA WOODY, MUSK, CINAMON NOTES

#### APPLICATIONS FLAVOURING, FRAGRANCE & INGREDIENT

**Origin**

Australia

**Shelf Life**

Unopened 24 Months

**MOQ**

500 ML



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## AUSTRALIAN FRENCH OAK EXTRACT

### SPECIFICATIONS

#### FRENCH OAK EXTRACT

Colour	Dark Brown - Red
Aroma	Oak, Wood, Musk, Cinamon
Soluble	Complete
Concentrated	Polyphenol

### ADD NEW FUNCTIONALITY TO YOUR FORMULATIONS AND PRODUCTS WITH FRENCH OAK EXTRACT

**Sensual Oak Aroma, Wood,  
Musk, Cinamon**

**Concentrated Phenol,  
Quercetin and powerful  
Antioxidants Ellagic Acid,  
Castalagin, Ellagic Acid**

### PHARMACOLOGICAL ACTIVITY

Studies indicate Oak Phenols may possess a number of phamacological activities including anticancer, antidiabetic, antihypertensive and antimicrobial. (1)

(1) Oh Zhang, Jian Cai, Chang-Qing Duan, Malcolm J Reeves, Fei He, A Reivew of Polyphenolics in Oak Woods, Int. J. Mol, 2015,16,6978-7104; doi:10.3390/jms 1604 6978

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### PACKAGING

500ml, 1 Litre, 5 Litres, 10 Litre, 20 Litre 50 Litre,  
100 Litre, 200 Litre Drums, 1,000 Litre IBC  
For orders over 1,000 Litres contact us to discuss  
your requirements

### SHELF LIFE AND STORAGE

Shelf Life 2 years from date of manufacture  
Store in cool dry environment below 25 degrees  
celcius. Refrigerate once open and use with 7  
days of opening.

### 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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