



## TECHNICAL DATA SHEET

Trade Name **Enzogenol®**  
Country of Origin New Zealand  
Product Type Herbal Extract

### Raw Material Specification

Species *Pinus Radiata*  
Plant Parts Inner and outer bark harvested from the bottom third of the tree trunk  
Plant Age at Harvest 20-30 years  
Geographical Source Central North Island of New Zealand

### Extraction Procedure

Solvent Deionized Water  
Procedure Description Extraction in accordance with US patent, US5968517

### Chemical Characteristics

Ingredients Water soluble monomeric to oligomeric proanthocyanidins, flavonoids, organic acids, flavonoid glycosides and esters  
Chemical Name Flavonoids including proanthocyanidins  
Chemical Classification Organic Nutritive

### Active Ingredients

Actives Proanthocyanidins and other flavonoid extractives  
Assay Method Gel Permeation Chromatography  
ID Method C18-Reverse Phase HPLC

### Product Stability

Shelf Life minimum 3 years