



# Summary of GC-MS data

We show the data above 0.9 percent from the analysis that is undertaken by a third party for us.

Species: Ponderosa  
Scientific name: *Pinus ponderosa*  
Location: Otago, New Zealand.

Chemical Name	Percent
$\beta$ -PINENE	37.66
$\Delta$ 3-CARENE	21.03
ESTRAGOL	13.9
$\alpha$ -PINENE	8.7
LIMONENE	2.37
TERPINOLENE	2.21
$\beta$ -MYRCENE	2.17
$\beta$ -PHELLANDRENE + 1,8-CINEOLE	1.66
LINALOOL	0.9

The oil extracted has an elevated  $\beta$ -PINENE compared with the book ESSENTIAL OIL SAFETY by Robert Tisserand and Rodney Young as does the  $\Delta$ 3-CARENE. This oil has a beautiful smell. It was sourced from Naseby Forest from wildings growing against the Forest Estate boundary. It has known spread issues in this region.

A good Aromatherapist can advise on the use.

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