



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: Manuka

Scientific name: *Leptospermum scoparium*

Location: Otago, New Zealand

The following are the results from the testing.

Chemical Name	Percent
GERANYL ACETATE	12.93
B-ELEMENE	9.16
a-PINENE	6.59
BICYCLOGERMACRENE	5.44
METHYL CINNAMATE	5.2
a-SELINENE	4.13
b-SELINENE	3.41
CADINA-3.5-DIENE	2.74
1.8-CINEOLE	2.72
TRANS-b-OCIMENE	2.61
b-MYRCENE	2.19
METHYL GERANATE	2.12
CADINENE ISOMER	1.9
b-CARYOPHYLLENE	1.83
GERMACRENE D	1.66
CADINENE	1.47
CITRONELLYL ACETATE	1.33
SPATHULENOL	1.32
a-CUBEBENE	1.15
a-FARNESENE	1.03
b-PINENE	0.98

Estate Aromatics, Otago New Zealand

The oil structure is different in Otago than Manuka oils from the northern parts of New Zealand. The top oil reading usually from the north is b-SELINENE 11% and CALAMENENE 9%. This means you need to understand the oil you are using. The GC/MS is very important for this oil.



Check your source and read information on it. The book ESSENTIAL OIL SAFETY by Robert Tisserand and Rodney Young does not compare to our oil profile. Check the compounds individually for their effective use. A good Aromatherapist can advise.