



**PINE NEEDLE OIL**

**CHEMICAL COMPOSITION (GC-MS)**

**LOT NO. 13730**

<b>COMPOUND</b>	<b>CONTENT (%)</b>	<b>SPECIFICATION</b>
ALPHA PINENE	54.46	32 - 60 %
CAMPHENE	1.88	0.5 - 2 %
DELTA 3 CARENE	10.54	6 - 18 %
BETA PINENE	9.80	5 - 22 %
MYRCENE	4.12	1.5 - 10 %
D - LIMONENE	9.29	7 - 12 %
BORNYL ACETATE	1.20	1 - 4 %
PARA CYMENE	1.05	MAX 2 %
TERPINOLENE	0.56	MAX 4 %