



PINE NEEDLE OIL

CHEMICAL COMPOSITION (GC-MS)

LOT NO. 13283

COMPOUND	CONTENT (%)	SPECIFICATION
ALPHA PINENE	53.90	32 - 60 %
CAMPHENE	1.90	0.5 – 2 %
DELTA 3 CARENE	10.09	6 – 18 %
BETA PINENE	8.02	5 – 22 %
MYRCENE	3.29	1.5 – 10 %
D - LIMONENE	9.21	7 - 12 %
BORNYL ACETATE	1.29	1 - 4 %
PARA CYMENE	1.02	MAX 2 %
TERPINOLENE	0.48	MAX 4 %