



NHR ORGANIC OILS

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Gas Liquid Chromatography (GLC)
Certificate of Analysis Sheet
ORGANIC SCOTCH PINE - France
PINUS SYLVESTRIS
ESSENTIAL OIL

Product Information	
Extraction Method: STEAM DISTILLED	Parts Used: NEEDLES
Cultivation: ORGANIC	Quality: PURE & NATURAL
Origin: FRANCE	Supp Code: Oh. Ref: 18064-1
Analysis Specifications	
Appearance: fluid transparent liquid Colour: pale yellow Odour: Fresh, sweet, coniferous, typical	
Density d 20/20 0.867 Index of Refraction, n 20/D 1,4778 Optical rotation -5.98	
Acid Number mg KOH/g 0.5 Ester Number mg KOH/g 17.4	
<u>Content of: % (by gas-Chromatography)</u>	
Alpha pinene 60.2 Delta-3-carene 11.1 Beta pinene 9.5 Limonene 4.1 Myrcene 3.6 camphene 2.9 p-cymene 1.5 bornyl acetate 1.2 beta phellandrene 1.2gamma terpinene 1.1 terpinolene 0.9 terpinen-4-ol 0.8	