

# Natural Touch Aromatherapy

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## PURITY ANALYSIS CERTIFICATE

### **CEDARWOOD (ATLAS)**

BOTANICAL CLASSIFICATION *Cedrus atlantica* is a species of the Pinaceae family. Care should be taken to use Atlas cedarwood in aromatherapy in preference to Virginian or Texas types (predominantly from the USA). The latter types are suspected to be strong abortifacients.

GENERAL DESCRIPTION An evergreen tree with aromatic wood. The essential oil is an orange coloured liquid with a camphoraceous top note and a sawdust-like, sweet-balsamic undertone. Atlas cedarwood essential oil is more sweet and less smokey than Virginian and Texas type oils.

ORIGIN The essential oil is derived from Moroccan cedarwood trees. The trees are rich in essential oil and the oil is steam distilled from the wood and sawdust.

GAS LIQUID CHROMATOGRAM The main components of Natural Touch's essential oil type, as indicated by GLC, are compared to classic profiles below. Virginian and Texas cedarwood essential oils, which are mainly made up of cedrene and cedrol, exhibit completely different GLC profiles to Atlas types (cedrene and cedrol, the two main constituents in Virginian and Texas types, are present in only minute quantities in Atlas types). Atlas cedarwood oil is made up in the main of himachalenes and various alcohols. A high himachalene content of around 60% is a good indicator that adulteration has not taken place.

<b>COMPONENT</b>	<b>NATURAL TOUCH</b>	<b>CLASSIC</b>
	(%)	(%)
Alpha Himachalene	6.1	8-15
Beta Himachelene	14.4	10 -35
Gamma Himachelene	33.3	10-30
Alpha Atlantone	1.3	3

- GLC analysis carried out at the Scottish Agricultural College, Auchincruive.
- Official stamp: