

Natural Touch Aromatherapy

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PURITY ANALYSIS CERTIFICATE

BENZOIN (SIAM, RESINOID)

BOTANICAL CLASSIFICATION *Styrax benzoin var. tonkinensis* is a species of the Styracaceae family. This Siam benzoin resin is of a higher aromatic higher quality than Sumatran types

GENERAL DESCRIPTION A large tropical tree up to 20m high with green and white leaves. The tree bears a hard shelled fruit similar to a nutmeg. The resin is collected from the tree via insertions in the bark.

ORIGIN The resin is collected from trees in northern Siam (Thailand). Siam benzoin has a more refined odour than Sumatran benzoin (characterised by coniferyl cinnamate 55-70%). Siam benzoin resinoid is a dark brown-orange viscous liquid with a delightful sweet, vanilla-like aroma. The resin is imported into the UK and prepared into a resinoid by our supplier.

GAS LIQUID CHROMATOGRAM Key components of Natural Touch's benzoin resinoid type, as indicated by GLC, are compared to classic profiles below. Siam benzoin is made up mainly of coniferyl benzoate (circa 70% in a good benzoin). Other ingredients include coniferyl alcohol, vanillin, benzoic acid, resinolic acid and cinnamyl benzoate. Vanillin, benzoic and other acids cannot be firmly identified in GLC analysis without conversion to a volatile derivative although enough can be done to confirm quality by establishing the percentages of coniferyl benzoate and coniferyl alcohol.

COMPONENT	NATURAL TOUCH (%)	CLASSIC (%)
Coniferyl benzoate	73.0	65 - 75
Coniferyl alcohol	15.0	10 - 20
Vanillin	6.0	0 - 2
Benzoic acid		8 - 12

* GLC analysis carried out at the Scottish Agricultural College, Auchincruive
Official Stamp: