



**PLANT THERAPY**  
100% PURE ESSENTIAL OILS

## GC/MS BATCH NUMBER: H80102

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**ESSENTIAL OIL:** HO WOOD

**BOTANICAL NAME:** CINNAMOMUM CAMPHORA

**ORIGIN:** CHINA

KEY CONSTITUENTS PRESENT IN THIS BATCH OF HO WOOD OIL	%
Linalool	98.72

Comments from Robert Tisserand: A fresh, vibrant, rectified Ho wood oil with constituents in expected amounts.

**Date :** April 7, 2017

*SAMPLE IDENTIFICATION*

**Internal code :** 17D03-PTH3-1-DM

**Customer identification :** Ho Wood - China - H8010269R

**Type :** Essential oil

**Source :** *Cinnamomum camphora*

**Customer :** Plant Therapy

*ANALYSIS*

**Method :** PC-PA-001-15E06, "Analysis of the composition of a liquid essential oil by GC-FID" (in French).

**Analyst :** Sylvain Mercier, M. Sc., chimiste

**Analysis date :** 2017-04-06

Checked and approved by :



Alexis St-Gelais, M. Sc., chimiste 2013-174

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*IDENTIFIED COMPOUNDS*

Identification	Column: BP5			Column: WAX			Molecular Class
	R.T.	R.I.	%	%	R.I.	R.T.	
a-Pinene	3.40	928	tr				Monoterpene
Myrcene	4.45	990	0.06	0.05	1111	2.50	Monoterpene
α-Terpinene	4.91	1016	0.01	0.01	1118	2.59	Monoterpene
Limonene	5.13	1028	0.05	0.05	1135	2.82	Monoterpene
β-Phellandrene	5.16	1030	0.03	0.04	1142	2.90*	Monoterpene
1,8-Cineole	5.20	1032	0.02	[0.04]	1142	2.90*	Monoterp. ether
cis-β-Ocimene	5.31	1038	0.03	0.03	1181	3.42	Monoterpene
trans-β-Ocimene	5.49	1048	0.05	0.05	1197	3.63	Monoterpene
γ-Terpinene	5.68	1058	0.02	0.01	1183	3.44	Monoterpene
cis-Linalool oxide (fur.)	5.95	1073	0.30	0.27	1372	6.27	Monoterp. alcohol
Terpinolene	6.15	1084	0.02	0.02	1218	3.93	Monoterpene
trans-Linalool oxide (fur.)	6.26	1090	0.51	0.51	1402	6.75	Monoterp. alcohol
Linalool	6.84	1115	98.72	98.78	1503	9.15	Monoterp. alcohol
<b>Total identified</b>			<b>99.82%</b>	<b>99.82%</b>			

\*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken account in the identified total

Note: no correction factor was applied

*OTHER DATA*

**Physical aspect :** Clear liquid

**Refractive index :** 1.4605 ± 0.0003 (20 °C)

*CONCLUSION*

No adulterant, contaminant or diluent were detected using this method.



