



# THE ALEMBICS LAB

DISTILLING KNOWLEDGE

Customer identification : Kawakawa *Piper excelsum*

Type : Hydrosol Source : *Piper excelsum*

Analysis by [Laboratoire Phytochemia](#)

Method: Extraction of the hydrosol with 3x dichloromethane. Addition of tetradecane as an internal standard. Concentration of the organic phase under reduced pressure, then analysis using PC-PA-014- 17J19 - Analysis of the composition of an essential oil, or other volatile liquid, by FAST GC-FID (in French); identifications validated by GC-MS.

Analyst : Alexis St-Gelais, M. Sc., chimiste

Analysis date : January 25, 2018

Checked and approved by : Alexis St-Gelais, M. Sc., chimiste 2013-174

Identification	(mg/L)	%	Class
Myristicin	19.1	28.07	Phenylpropanoid
Elemicin	11.6	17.04	Phenylpropanoid
1,8-Cineole	6.2	9.11	Monoterpenic ether
$\alpha$ -Terpineol	5.8	8.52	Monoterpenic alcohol
Linalool	3.8	5.58	Monoterpenic alcohol
Dihydrocinnamic acid	2.5	3.67	Phenylpropanoid ester
2-Heptyl acetate	2.1	3.09	Aliphatic ester
Methyleugenol	1.7	2.5	Phenylpropanoid
Camphor	1.6	2.35	Monoterpenic ketone

Laboratoire  
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*Plus que des analyses... des conseils*