



FERRANT P.H.E

Producteur d'huiles Essentielles

SPECIFICATION and ANALYSIS LOVAGE ROOTS ESSENTIAL OIL

Levisticum officinalis

Origin :	Natural Product Origin France EO issued from steamed distillation
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Physico Properties

Description	Yellow to brownish liquid
Odour	Fresh roots
Solubility in alcohol	YES
PH :	3,15
Flash point	>37° C
Packing	Aluminium can, varnished
DLUO	17 months
Storage	5 to 15° C
Ratio EO / raw material	1/5000

**Analysis report by chromatology FD129259 established by the laboratory ITEPMAI
of the batch : L1712**

Analysis physiques: year 2013

Density 0,924
Index refractive 1,505

Analysis chemical: %

a-pinène	7,51
camphène	2,53
sabinène	1,78
b-pinène	8,52
myrcène	1,19
limonène + b-phellandrène	14,46
g-terpinène	0,76
1-n-pentyl-1,3-cyclohexadiène	14,52
ligustilide (=cis-4,5-dihydro-3-butyldiene phtalate)	22,93

Product certified in order with European Regulation 1334/2008 as it doesn't contain substances listed in annex III and allergens