

CUSTOMER :

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Sample nature : ESSENTIAL OIL
Botanical species : CANANGA ODORATA
Reference name : YLANG YLANG 3RD
Batch number : HSL06230
Origin :
Part:
Pyrenessences reference : D989

Packaging : Brown flask of 10 ml – ambient temperature
Analysis : GC Simple
Shelf life : 1 year

Comments and conclusions :

**⇒ BATCH IN COMPLIANCE WITH THE NORM OF MADAGASCARIAN
YLANG YLANG 3RD OIL NF ISO 3063 : 2005**

This sample is pure and non-adulterated

Validated report by :

Daniel DANTIN

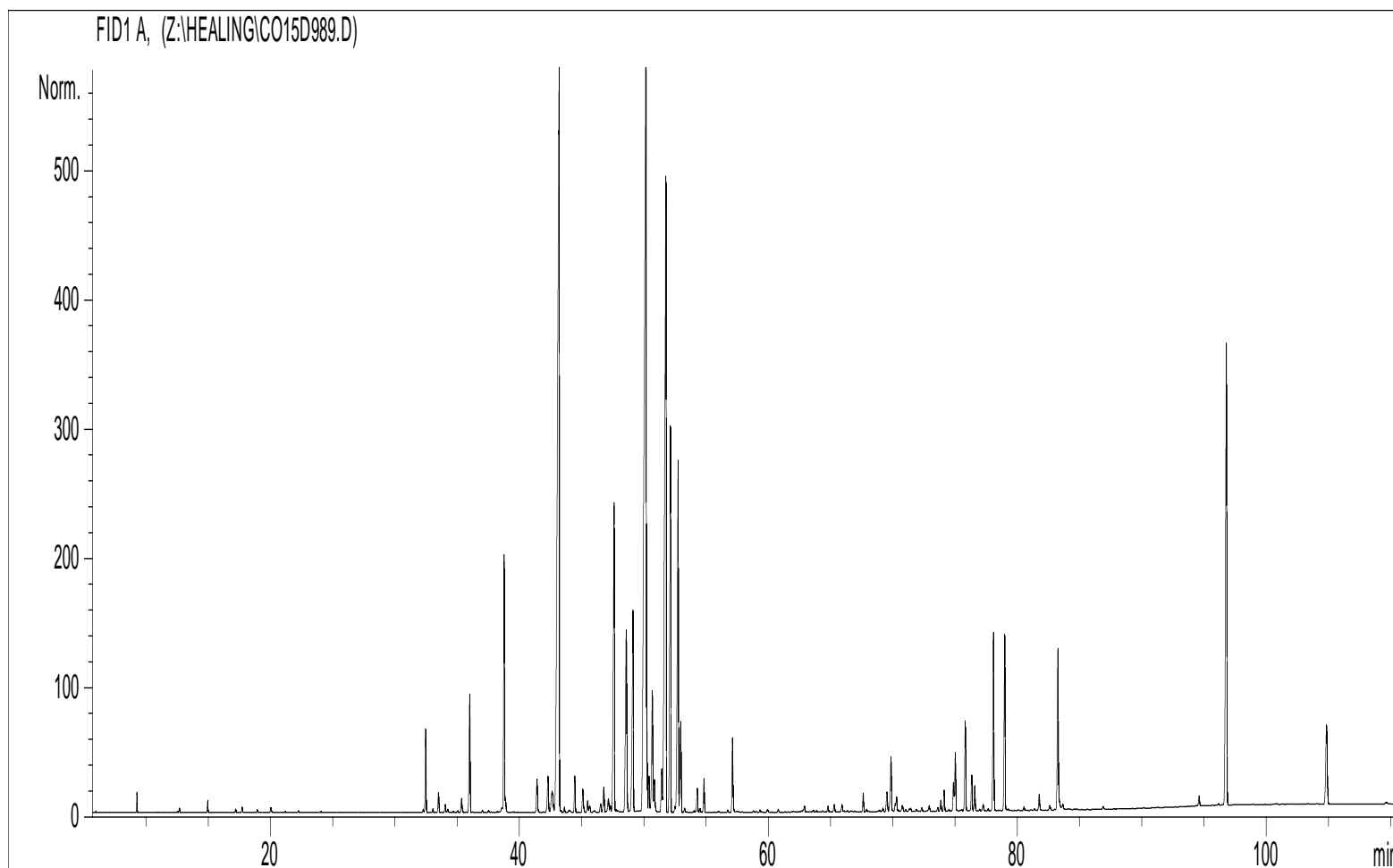


GAS CHROMATOGRAPHY norm NF ISO 11024

Analysis conditions :

CPG 6890 / MS 5973 – Column : VF WAX polar 60 m × 0,25 mm × 0,5 µm
 CPG 6890 FID - Column : VF WAX polar 60 m × 0,25 mm × 0,5 µm
 Temperature program : 6 mn to 70 °C -2 °C/mn→250 °C - 10mn to 250 °C
 Carrier gas He : 23 psis/MS – 30 psis/FID
 Sample injection / split : 1 µl of 10 % solution in hexane,
 Mass range : 30 to 350, Oil components are identified by a combination of retention times
 (our own database) and mass spectra library NKS 75 000 records,
 Percentages are calculated from GC/FID peaks areas without using corrections factors,

Chromatographic profile (GC/FID)



Identification results : YLANG YLANG 3rd N° HSL06230

TR (min)	Constituants	%	Norm (%)	TR (min)	Constituants	%	Norm (%)
20,1	PRENYL ACETATE	0,01	Traces – 0,2	32,4	METHYL-p-CRESOL	0,79	0,1 – 0,4
38,8	LINALOOL	2,58	0,6 – 4,0	43,2	β-CARYOPHYLLENE	15,58	12 – 19
44,4	METHYL BENZOATE	0,37	0,1 – 0,9	50,2	GERMACRENE D	18,50	15 – 34
50,4	BENZYL ACETATE	0,36	0,1 – 2,2	51,8	E,E-α-FARNESENE	11,20	9,0 – 25,0
52,1	GERANYL ACETATE	4,54	1,0 – 6,6	57,1	GERANIOL	0,83	0,2 – 0,8
75,0	CINNAMYL ACETATE	0,70	0,1 – 2,0	79,0	FARNESYL ACETATE	1,97	1,7 – 5,0
83,3	FARNESOL	2,05	1,2 – 4,0	96,8	BENZYL BENZOATE	6,62	4,8 – 8,5
104,8	BENZYL SALICYLATE	2,00	2,0 – 5,0		TOTAL	68,10	