

# Laboratoire Rosier Davenne

## Certificate of Analysis

Modèle/Révision/Date de révision : BAHEFR001 / 0 / 03.01.19

Modification(s) : aucune

Editée le : 03/01/19

p1/1

Analysed Essential oil : **Rosewood**

Analysis date : June, 12<sup>th</sup> 2018

Batch : 162NH805

Shelf life : December 2019

### ❖ General description

Essential oil	Rosewood	Origin	Peru
Latin name	<i>Aniba rosaeodora Ducke var. amazonica</i>		

### ❖ Organoleptic characteristics

Appearance	Clear and mobile liquid
Colour	Pale Yellow
Odour	Characteristic

### ❖ Physico-chemical characteristics

	Results (at 20°C)	Technical specifications				
Specific gravity	0,883	0.870	<	d	<	0.887
Refractive index	1,4632	1.4620	<	IR	<	1.4690
Optical rotation	+2,70°	-2.5°	<	$[\alpha]^{20}_d$	<	+4°
Peroxyd index	18,2 mmol/L	0 mmol/L	<	IP	<	20 mmol/L

### ❖ Volatile elucidation

GC : Perkin Elmer – Clarus 500

Column : Elite – WAX, 30m, Ø 0.25 mm, 0.25 µm df

Injection : split

Detector : FID

Carrier gas : H<sub>2</sub>

⇒ See Chromatogram : polar column

Date : 3 Jan. 19

Software Version : 6.3.2.0646  
Sample Name : HE Bois de Rose 162NH805  
Instrument Name : CLARUS 500  
Rack/Vial : 0/7  
Sample Amount : 1.000000  
Cycle : 6

Date : 6/12/2018 11:18:08 AM  
Data Acquisition Time : 6/11/2018 11:44:12 PM  
Channel : B  
Operator : stagiaire  
Dilution Factor : 1.000000

Result File :  
Sequence File : C:\Sequences\CPG\2018\180611.seq

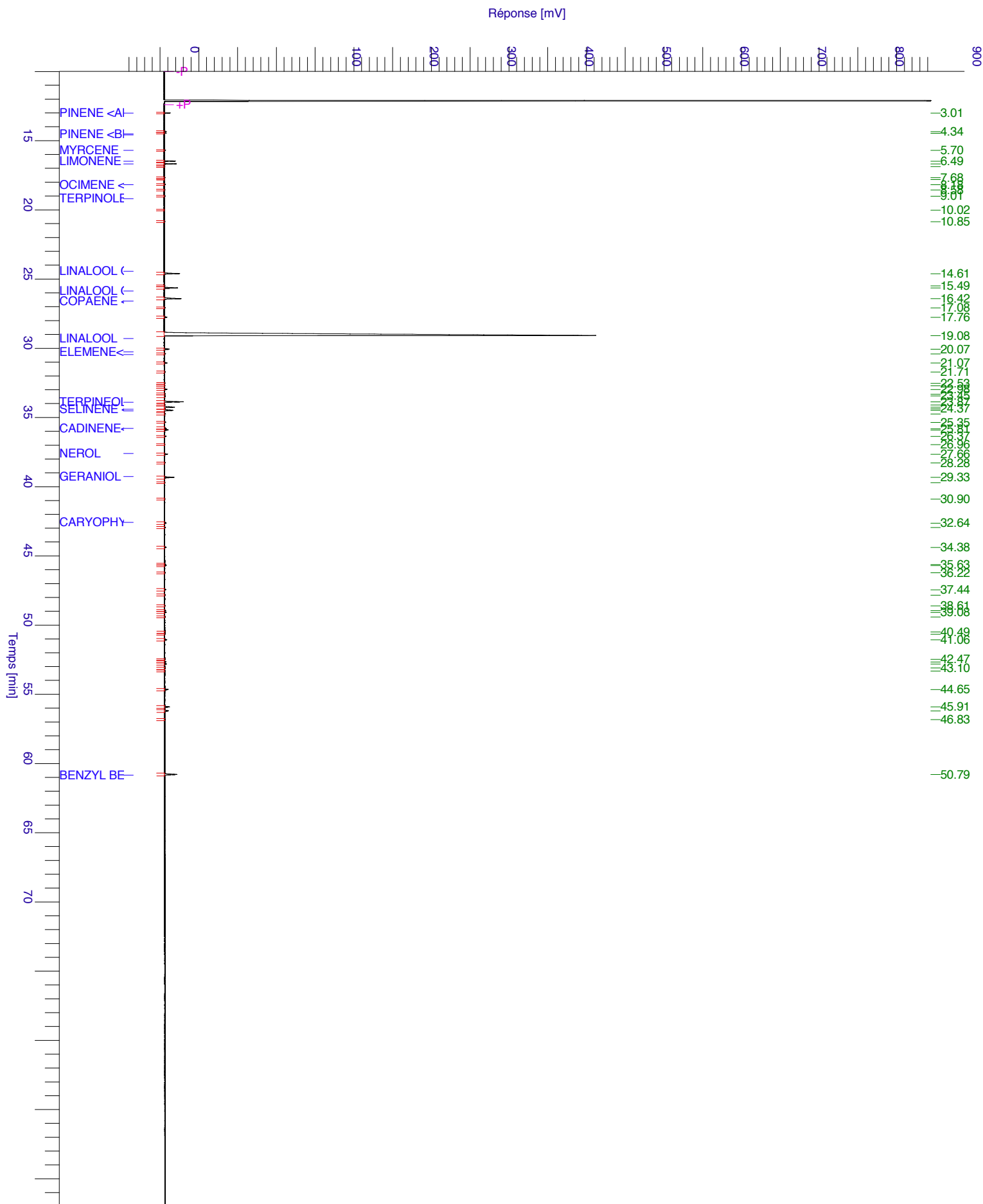
## Rapport d'analyse

colonne polaire Elite WAX

pic #	Nom composant	TR [min]	Aire [%]
1	pinene <alpha>	3.01	0.24
2		4.34	0.11
3	pinene <beta>	4.46	0.11
4	myrcene	5.70	0.07
5	limonene	6.49	0.68
6	cineole <1.8>	6.68	0.76
7		6.88	0.03
8		7.68	0.04
9		7.81	0.01
10	ocimene <(E)-beta>	8.18	0.08
11		8.58	0.05
12	terpinolene	9.01	0.07
13		10.02	0.02
14		10.85	0.04
15	linalool oxide <cis>	14.61	1.25
16		15.49	0.03
17	linalool oxide <trans>	15.65	1.12
18	copaene <alpha>	16.42	1.59
19		17.08	0.05
20		17.76	0.24
21	linalool	19.08	81.87
22	elemene<beta>	20.07	0.46
23	terpinen-4-ol	20.40	0.10
24		21.07	0.21
25		21.71	0.06
26		22.53	0.05
27		22.71	0.03
28		22.98	0.24
29		23.31	0.06
30		23.45	0.09
31	terpineol<alpha>	23.87	1.67
32		24.10	0.04
33		24.26	0.97
34	selinene <beta>	24.37	0.04
35	selinene <alpha>	24.48	0.81
36		24.75	0.08
37		25.35	0.10
38	cadinene<delta>	25.81	0.19
39		25.91	0.36
40		26.37	0.14
41		26.96	0.03
42	nerol	27.66	0.27
43		28.28	0.06
44	geraniol	29.33	0.88
45		29.71	0.03
46		30.90	0.02
47	caryophyllene oxide	32.64	0.19
48		32.96	0.07
49		34.38	0.17
50		35.63	0.11
51		35.70	0.18
52		36.22	0.04
53		37.44	0.11
54		37.83	0.06
55		38.61	0.04
56		38.95	0.08
57		39.08	0.17

# Chromatogram

Sample Name : HE Bois de Rose 162NH805      Sample #: 162NH805      Page 1 of 1  
 FileName : C:\Data\Colonne Polaire\Huiles Essentielles\Bois de Rose\2018\bois de rose 180611.raw  
 Date : 6/12/2018 11:18:09 AM  
 Method : bois de rose.mth      Time of Injection: 6/11/2018 11:44:12 PM  
 Start Time : 0.00 min      End Time : 82.00 min      Low Point : -47.13 mV      High Point : 993.88 mV  
 Plot Offset: -47.13 mV      Plot Scale: 1041.0 mV



6/12/2018 11:18:08 AM Result:

pic #	Nom composant	TR [min]	Aire [%]
58		39.41	0.04
59		40.49	0.03
60		40.65	0.05
61		41.06	0.21
62		42.47	0.03
63		42.66	0.12
64		42.81	0.18
65		43.10	0.05
66		43.32	0.04
67		44.65	0.34
68		45.91	0.48
69		46.19	0.42
70		46.83	0.05
71	benzyl benzoate	50.79	1.26
			100.00

---

Laboratoire Rosier Davenne

---