

# Laboratoire Rosier Davenne

## CERTIFICATE OF ANALYSIS

Model/Product/Revision/Date of revision : BAHEEN001 / Rosemary (camphor type) EO / 0 / 08-02-19  
Modification(s) : none  
Published : 22/01/2021

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### Rosemary (camphor type) EO

Laboratoire Rosier Davenne code : 01R/ROSOFF2

Date of analysis : 21/04/2020

Batch number : 080LA004

Retest date (shelf life): 10/2022

#### ❖ General description

Essential oil	Rosemary (camphor type) EO	Origin	Spain
Latin name	<i>Rosmarinus officinalis camphorifera</i>		

#### ❖ Sensory quality

Aspect	Clear and mobile liquid	Conform
Color	pale yellow	Conform
Odor	Fresh, camphor	Conform

#### ❖ Analytical quality

	Laboratoire Rosier Davenne specifications	Results	Conclusion
Density (20°C)	0,892 - 0,910	0.904	Conform
Refractive index (20°C)	1,4640 - 1,4720	1.4694	Conform
Optical rotation (20°C)	-5° à +8°	2.70	Conform
Peroxide index	Not applicable	Not applicable	Not Conform

#### ❖ Chromatography analyse

GC : Perkin Elmer - Clarus

Column : see report

Injection : split

Detector : FID

Carrier gas : H2

-> See chromatography attached

#### ❖ Conclusion

Batch accepted.

Software Version : 6.3.4.0700  
 Sample Name : HE Romarin camphré 080LA004  
 Instrument Name : Clarus 590  
 Rack/Vial : 0/5  
 Sample Amount : 1.000000  
 Cycle : 6

Date : 22/04/2020 11:43:28  
 Data Acquisition Time : 22/04/2020 00:51:01  
 Channel : B  
 Operator : Sarah  
 Dilution Factor : 1.000000

Result File :  
 Sequence File : C:\Clarus 590\Sequences\2020\200421.seq

## Rapport d'analyse - Laboratoire Rosier Davenne

Colonne polaire : Elite-Wax 60m, Ø 0,25mm, 0.25µm df

Pic #	Component Name	Tr [min]	Area [%]
1	tricyclene	5.76	0.36
2	pinene <alpha>	6.07	23.17
3	thujene <alpha>	6.11	0.05
4	fenchene <alpha>	6.77	0.15
5	camphene	6.98	8.80
6	pinene <beta>	7.98	3.59
7		8.31	0.03
8	sabinene	8.42	0.26
9	carene <delta-3>	9.11	0.33
10	myrcene	9.55	2.93
11	phellandrene <alpha>	9.60	0.18
12		9.73	0.03
13	terpinene <alpha>	10.05	0.49
14	limonene+phellandrene<beta>	10.70	4.08
15	cineole <1,8>	11.05	21.00
16	ocimene <(Z)-beta>	11.89	0.10
17	terpinene <gamma>	12.27	0.60
18	octanone <3>	12.50	0.50
19	cymene <p>	13.12	2.07
20	terpinolene	13.62	0.45
21		17.80	0.06
22		19.41	0.06
23		19.49	0.03
24		20.02	0.14
25		21.46	0.10
26		21.81	0.03
27		22.08	0.08
28	camphor	22.44	19.50
29	pinocamphone <cis>	23.51	0.11
30	linalool	23.82	0.71
31		24.38	0.12
32		24.61	0.06
33	bornyl acetate	25.06	0.52
34		25.56	0.05
35	caryophyllene<(E)>+terpinen-4-	25.76	2.24
36		27.76	0.05
37	humulene <alpha>	28.42	0.49
38		28.65	0.03
39		28.97	0.03
40		29.21	0.07
41	verbenone	29.36	1.79
42	terpineol <alpha>	29.43	1.41
43	borneol	29.51	2.65
44		30.40	0.04
45		30.66	0.06
46		31.70	0.06

22/04/2020 11:43:28 Result:

Pic #	Component Name	Tr [min]	Area [%]
47		32.77	0.12
48		34.67	0.05
49	caryophyllene <oxide>	39.12	0.06
50		45.56	0.10
			100.00

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# Chromatogram

Sample Name : HE Romarin camphré 080LA004      Sample #: 6      Page 1 of 1  
File Name : C:\Clarus 590\Data\Colonne Polaire\2020\200421\_HE Romarin camphré 080LA004\_006.raw  
Date : 22/04/2020 11:43:48  
Method : Romarin camphré.mth      Time of Injection: 22/04/2020 00:51:01  
Start Time : 0.00 min      End Time : 80.00 min      Low Point : -45.05 mV      High Point : 954.95 mV  
Plot Offset: -45.05 mV      Plot Scale: 1000.0 mV

