

Certificate of Analysis

Analysed essential oil : Virola

Analysis date : March, 28th 2017

Batch : 086DG704

Shelf life : April 2020

❖ General description

Essential oil	Virola	Origin	Brasil
Latin name	Vanillosmopsis erythropappa		

❖ Organoleptic characteristics

Appearance	Clear and mobile liquid
Colour	Colorless
Odour	Characteristic

❖ Physico-chemical characteristics

	Results (at 20°C)	Technical specifications				
Specific gravity	0.933	0.900	<	d	<	0.960
Refractive index	1.4948	1.4900	<	IR	<	1.5000
Optical rotation	-54.70°	-65°	<	$[\alpha]^{20}_d$	<	-50°

❖ Volatile elucidation

GC : Perkin Elmer – Clarus 500

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

Injection : split

Detector : FID

Carrier gas : H₂

⇒ See Chromatogram : polar column

Date : 2017-03-28

Software Version : 6.3.2.0646
Sample Name : Virola 086DG704
Instrument Name : CLARUS 500
Rack/Vial : 0/4
Sample Amount : 1.000000
Cycle : 4

Date : 3/28/2017 2:46:50 PM
Data Acquisition Time : 3/27/2017 10:46:28 PM
Channel : B
Operator : Clemence
Dilution Factor : 1.000000

Result File :
Sequence File : C:\Sequences\CPG\2017\170327.seq

Rapport d'analyse

colonne polaire Elite WAX

pic #	Nom composant	TR [min]	Aire [%]
1		26.82	0.08
2		37.44	0.71
3	bisabolol oxide B <alpha>	37.71	0.82
4		38.27	0.12
5		38.65	0.38
6		38.83	0.16
7		39.30	0.11
8		39.73	0.23
9		40.00	0.45
10		40.33	1.67
11	bisabolol <alpha>	40.80	94.22
12		45.57	0.09
13		47.31	0.06
14		48.13	0.12
15		49.21	0.12
16		49.72	0.15
17		51.19	0.07
18		51.52	0.07
19		52.54	0.17
20		56.40	0.11
21		59.31	0.06
			100.00

Laboratoire Rosier Davenne

Chromatogram

Sample Name : Virola 086DG704 Sample #: 086DG704 Page 1 of 1
FileName : C:\Data\Colonne Polaire\Huiles Essentielles\Virola2017\virola 170327.raw
Date : 3/28/2017 2:46:51 PM Time of Injection: 3/27/2017 10:46:28 PM
Method : virola.mth Start Time : 0.00 min End Time : 82.00 min Low Point : -47.17 mV High Point : 993.88 mV
Plot Offset: -47.17 mV Plot Scale: 1041.0 mV

