

Certificate of Analysis

Analysed essential oil : Bitter Almond

Analysis date : January, 14th 2016

Batch : 337DB503

Shelf life : January 2019

❖ General description

<u>Essential oil</u>	Bitter Almond	<u>Origin</u>	France
<u>Latin name</u>	<i>Prunus</i> (divers)		

❖ Organoleptic characteristics

<u>Appearance</u>	Clear and mobile liquid
<u>Colour</u>	Colourless
<u>Odour</u>	Characteristic

❖ Physico-chemical characteristics

	<u>Results</u> (at 20°C)	<u>Technical specifications</u>				
<u>Specific gravity</u>	1.042	1.025	<	d	<	1.065
<u>Refractive index</u>	1.5425	1.5300	<	IR	<	1.6500
<u>Optical rotation</u>	+0.20°	-	<	$[\alpha]_{20}^D$	<	-

❖ Volatile elucidation

GC : Perkin Elmer – Clarus 500

Column : Elite - 1, 30 m, Ø 0.25 mm, 0.25 µm df

Injection : split

Detector : FID

Carrier gas : H₂

⇒ See Chromatogram : non-polar column

Date : 2016-01-14

Software Version : 6.2.0.0.0:B27
Sample Name : Amande amère
Instrument Name : CLARUS 500
Rack/Vial : 0/7
Sample Amount : 1.000000
Cycle : 7

Date : 14/01/2016 14:19:20
Data Acquisition Time : 13/01/2016 03:18:58
Channel : A
Operator : Davenne
Dilution Factor : 1.000000

Result File :
Sequence File : C:\Sequences\CPG\2016\160112c.seq

Rapport d'analyse

colonne apolaire

Pic #	Component Name	TR [min]	Area [%]
1	benzaldehyde	10.24	99.67
2		19.77	0.33
			100.00

Chromatogram

Sample Name : Amande amère Sample #: 337db503 Page 1 of 1
File Name : C:\Data\Colonne Apolaire\Huiles Essentielles\Amande Amère\2016\amande amère 160112.raw
Date : 14/01/2016 14:19:21
Method : amande amère pure.mth Time of Injection: 13/01/2016 03:18:58
Start Time : 0.00 min End Time : 82.00 min Low Point : -47.22 mV High Point : 993.88 mV
Plot Offset: -47.22 mV Plot Scale: 1041.1 mV

