

Certificate of Analysis

Analysed essential oil : Wintergreen (organic)

Analysis date : December, 19th 2016

Batch : 350DB602

Shelf life : January 2020

❖ General description

Essential oil	Wintergreen	Origin	Nepal
Latin name	<i>Gaultheria fragrantissima</i>		

❖ Organoleptic characteristics

Appearance	Clear and mobile liquid
Colour	Light pink
Odour	Characteristic

❖ Physico-chemical characteristics

	Results (at 20°C)	Technical specifications				
Specific gravity	1.173	1.150	<	d	<	1.200
Refractive index	1.5350	1.5000	<	IR	<	1.5500
Optical rotation	+0,25°	-0.50°	<	$[\alpha]^{20}_D$	<	+0.35°

❖ Volatile elucidation

GC : Perkin Elmer – Clarus 500

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

Injection : split

Detector : FID

Carrier gas : H₂

⇒ See Chromatogram : polar column

Date : 2016-12-19

Software Version : 6.3.2.0646
Sample Name : Wintergreen nepal 350DB602
Instrument Name : CLARUS 500
Rack/Vial : 0/5
Sample Amount : 1.000000
Cycle : 5

Date : 12/19/2016 3:49:13 PM
Data Acquisition Time : 12/15/2016 11:29:45 PM
Channel : B
Operator : Charlene
Dilution Factor : 1.000000

Result File :
Sequence File : C:\Sequences\CPG\2016\161215.seq

Rapport d'analyse

colonne polaire Elite WAX

pic #	Nom composant	TR [min]	Aire [%]
1	linalool	19.06	0.09
2	methyl salicylate	26.39	99.62
3		27.45	0.14
4		29.86	0.04
5		38.82	0.12
			100.00

Laboratoire Rosier Davenne

Chromatogram

Sample Name : Wintergreen nepal 350DB602 Sample #: 350DB602 Page 1 of 1
File Name : C:\Data\Colonne Polaire\Huiles Essentielles\Wintergreen\2016\wintergreen bio 161215.raw
Date : 12/19/2016 3:49:14 PM
Method : wintergreen.mth Time of Injection: 12/15/2016 11:29:45 PM
Start Time : 0.00 min End Time : 82.00 min Low Point : -47.15 mV High Point : 993.88 mV
Plot Offset: -47.15 mV Plot Scale: 1041.0 mV

