

1 Identification de l'échantillon / Sample identification

Désignation commerciale <i>Trade name</i>	HE EUCALYPTUS GLOBULUS BIO <i>Organic Eucalyptus Globulus Oil</i>
Code article / Article code	[MP10037]
Type d'extrait <i>Type of Extract</i>	Huile Essentielle <i>Essential Oil</i>
Nom commun <i>Common name</i>	Eucalyptus Globulus
Nom botanique <i>Botanical name</i>	<i>Eucalyptus globulus</i>
Qualité / Quality	Biologique / <i>Organic</i>
Partie de la plante <i>Part of the plant</i>	Feuilles <i>Leaves</i>
Producteur / Fournisseur <i>Manufacturer / Supplier</i>	LABORATOIRE ALTHO
N° de Lot / Batch number	INT250124-02
Informations / Information	Origine Espagne
N° unique d'échantillon <i>Sample number</i>	Analyse fournisseur



2 Analyses Physico-Chimiques / Physical and chemical properties

Physical State and Appearance	:	Liquid
Color	:	Pale Yellow to Amber Orange
Odour	:	Camphor-like odor
Specific Gravity	:	0.90705 T 25°C
Refractive Index	:	1.464 at 25°C
Optical Rotation	:	-2.06@ 25.5°C
Acid Value	:	3.579
Ester Value	:	3.0461
Ester Value after Acetylation	:	32.5008
Flash Point	:	77°C
Solubility in water	:	Insoluble

3 Analyse par Chromatographie Phase Gazeuse / GC-MS Analysis

3.1 Résultats d'analyse / Results

Peak Report TIC		
R.Time	Name	Area%
12.055	Hashishene	0.07
12.333	alpha-Thujene	0.07
12.784	alpha-Pinene	6.05
13.558	alpha-Fenchene	0.06
13.657	Camphene	0.16
15.262	beta-Pinene	2.38
15.885	Myrcene	0.42
15.945	trans-Dehydroxy linalool oxide	0.02
16.880	3-Ethenyl-1,2-dimethyl-1,4-cyclohexadiene	0.07
16.965	alpha-Pellandrene	0.24
17.158	delta-3-Carene	6.43
17.487	1,4-Cineole	0.40
17.636	alpha-Terpinene	0.28
18.140	meta-Cymene	0.92
18.224	para-Cymene	1.74
18.580	Limonene	5.92
18.855	1,8-Cineole	58.06
20.314	gamma-Terpinene	2.02
21.818	para-Mentha-2,4(8)-diene	0.03
22.093	Terpinolene	1.41
22.395	para-Cymenene	0.27
23.027	Linalool	0.07
23.453	Isopentyl isovalerate	0.06
24.352	endo-Fenchol	0.05
25.497	Terpin-3-en-1-ol	0.13
25.844	trans-Pinocarveol	0.09
28.455	para-1,8-Menthadien-4-ol	0.27
28.595	Terpinen-4-ol	0.59
29.385	Methyl salicylate	0.15
29.619	alpha-Terpineol	1.47
31.863	cis-Ocimenone	0.05
34.529	Geraniol	0.05
39.769	alpha-Terpinyl acetate	0.16
40.018	alpha-Longipinene	0.06
41.366	Isoledene	0.06
41.585	Longicyclone	0.08
41.698	alpha-Copaene	0.07
42.586	beta-Elementene	0.04
43.719	beta-Maaliene	0.26
43.866	Longifolene	1.13
44.498	beta-Caryophyllene	0.67
44.965	gamma-Maaliene	0.09
45.183	beta-Gurjunene	0.25
45.730	Aromadendrene	3.55
45.790	Bourbon-11-ene	0.10
45.895	alpha-Guaiene	0.06
46.133	Selinene-5,11-diene	0.14
46.740	alpha-Humulene	0.06
47.030	allo-Aromadendrene	0.93
47.806	gamma-Gurjunene	0.05
48.813	beta-Selinene	0.16
48.957	Viridiflorene	0.38
49.224	Bicyclogermacrene	0.38
50.289	gamma-Cadinene	0.05
50.575	trans-Cycloisolongifol-5-ol	0.06
50.590	delta-Cadinene	0.04
53.211	Epiglobulol	0.19
54.066	Spathulenol	0.18
54.610	Globulol	0.76
55.107	Viridiflorol	0.07
		100.00

3.2 Chromatogramme / Chromatogram

