

1 Identification de l'échantillon / Sample identification

Désignation commerciale <i>Trade name</i>	HE CEDRE BIO <i>Organic Atlas Cedarwood Oil</i>
Code article / Article code	[MP10025]
Type d'extrait <i>Type of Extract</i>	Huile Essentielle <i>Essential Oil</i>
Nom commun <i>Common name</i>	Cèdre <i>Atlas Cedarwood</i>
Nom botanique <i>Botanical name</i>	<i>Cedrus Atlantica</i>
Qualité / Quality	Biologique / <i>Organic</i>
Partie de la plante <i>Part of the plant</i>	Bois <i>Wood</i>
Producteur / Fournisseur <i>Manufacturer / Supplier</i>	LABORATOIRE ALTHO
N° de Lot / Batch number	INT250527-01
Informations / Information	Origine MAROC
N° unique d'échantillon <i>Sample number</i>	Analyse fournisseur



2 Analyse par Chromatographie Phase Gazeuse / GC-MS Analysis

2.1 Résultats d'analyse / Results

	Result	Norm	Conformity
Aspect	Liquid	Liquid	Conform
Color	Clear yellow	Pale yellow to brown orange	Conform
Odor	Woody, sweet, terpenic	Woody, sweet, terpenic	Conform
Relative density (d20/20)	0.933	[0.924 ; 0.933]	Conform
Refractive index @ 20°C	1.5122	[1.5050 ; 1.5170]	Conform
Optical rotation (°) at 20°C	76.31	[+57 ; +80]	Conform
Peroxide value	13.1	[0 mmoles/L ; 20 mmoles/L]	Conform
Part of the plant	wood	wood	Conform

Pic #	Component Name	Tr [min]	Area [%]
1	pinene <alpha>	6.33	0.05
2		9.00	0.08
3		11.25	0.04
4	longipinene <alpha>	21.64	0.08
5		22.27	0.04
6	4-acetyl-1-methylcyclohexene	24.74	0.69
7	longifolene	24.90	0.63
8	cedrene <alpha>	25.55	0.64
9		26.16	0.66
10	cedrene <beta>	26.75	0.03
11		26.95	0.41
12		27.79	0.19
13	himachalene <alpha>	28.46	17.26
14		29.37	0.24
15		29.57	0.05
16		29.81	0.28
17	himachalene <gamma>	30.33	10.00
18	borneol	30.43	1.77
19		30.69	0.06
20	himachalene <beta>	31.05	45.62
21	piperitone	31.15	0.22
22	muurolene <alpha>	31.27	0.22
23	bisabolene <beta>	31.48	0.66
24		31.58	0.09
25		31.73	0.14
26		31.81	0.12
27	piperitol <trans>	32.14	0.26
28	cadinene <delta>	32.62	2.03
29		32.79	0.11
30	bisabolene <(Z)-alpha>	33.23	0.64
31		33.45	0.10
32	perilla aldehyde	34.08	0.18
33	alaskene <beta>	34.87	1.18
34		35.12	0.06
35		35.44	0.08
36	methylpentyl angelate <3>	36.22	1.16
37		36.42	0.34
38		36.61	0.06
39	geranyl butyrate	37.46	1.16
40		37.77	0.06
41	calacorene <alpha>	38.00	0.61
42	nonadecane <n>	38.20	0.43
43		38.33	0.04
44		39.39	0.05

Pic #	Component Name	Tr [min]	Area [%]
45	caryophyllene oxide	40.12	0.35
46		40.60	0.04
47	anisaldehyde <p>	41.28	0.19
48		41.87	0.04
49		42.17	0.08
50	leptospermone <iso>	42.34	0.78
51	cubenol <1-epi>	42.84	0.48
52		43.11	0.04
53		43.43	0.27
54		45.43	0.35
55		45.62	0.05
56		45.73	0.08
57		45.97	0.28
58		46.21	0.19
59		46.44	0.03
60	atlantone <(Z)-gamma>	46.95	0.81
61		47.23	0.31
62	eudesmol <alpha>	47.58	0.95
63	deodarone	47.85	0.80
64	atlantone <(E)-gamma>	47.98	0.77
65	myristicin	48.30	0.68
66	atlantone <(Z)-alpha>	48.37	0.64
67		50.34	0.05
68	atlantone <(E)-alpha>	50.71	2.70
69		53.65	0.07
70		55.71	0.05
71		56.18	0.09
			100.00