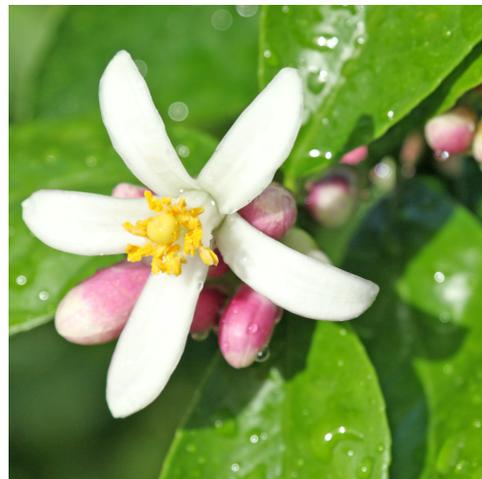


## 1 Identification de l'échantillon / Sample identification

<b>Désignation commerciale</b> <i>Trade name</i>	HE PETIT GRAIN BIO <i>Organic Petitgrain Oil</i>
<b>Code article / Article code</b>	[MP10067]
<b>Type d'extrait</b> <i>Type of Extract</i>	Huile Essentielle <i>Essential Oil</i>
<b>Nom commun</b> <i>Common name</i>	Petit Grain Bigaradier <i>Petitgrain Bigaradier</i>
<b>Nom botanique</b> <i>Botanical name</i>	<i>Citrus Aurantium</i>
<b>Qualité / Quality</b>	Biologique / <i>Organic</i>
<b>Partie de la plante</b> <i>Part of the plant</i>	Feuilles et ramilles <i>Leaves and branches</i>
<b>Producteur / Fournisseur</b> <i>Manufacturer / Supplier</i>	Laboratoire ALTHO
<b>N° de Lot / Batch number</b>	INT250624-03
<b>Informations / Information</b>	Origine PARAGUAY



## 2 Analyse par Chromatographie Phase Gazeuse / GC-MS Analysis

### 2.1 Résultats d'analyse / Results

	Result	Norm	Conformity
Aspect	Clear and mobile liquid	Clear and mobile liquid	Conform
Color	Pale yellow	Almost colorless to pale yellow	Conform
Odor	Characteristic	Characteristic	Conform
Relative density (d <sub>20</sub> /20)	0.889	[0.882 ; 0.893]	Conform
Refractive index @ 20°C	1.4585	[1.455 ; 1.472]	Conform
Optical rotation (°) at 20°C	-4.11	[-6 ; +1]	Conform
Peroxide value	Not applicable		
Part of the plant	leaves, twigs	leaves, twigs	Conform

Pic #	Component Name	Tr [min]	Area [%]
1		3.54	0.02
2		3.78	0.01
3		7.91	0.02
4	pinene <alpha>	11.18	0.10
5	6-methyl-5-hepten-2-one	12.48	0.04
6	sabinene	12.60	0.20
7	pinene <beta>	12.79	0.98
8	myrcene	13.29	2.21
9	phellandrene <alpha>	13.90	0.03
10	carene <delta-3>	14.25	0.61
11	terpinene <alpha>	14.43	0.04
12	cineole <1,8>	14.93	0.08
13	limonene	14.98	1.00
14	ocimene <(Z)-beta>	15.23	0.80
15	ocimene <(E)-beta>	15.74	2.38
16	terpinene <gamma>	16.24	0.05
17	linalool oxide <cis>	16.62	0.03
18	terpinolene	17.60	0.45
19	linalool	17.95	23.57
20	terpinen-4-ol	21.37	0.08
21	terpineol <alpha>	21.91	5.29
22	nerol	23.64	1.11
23	neral	23.84	0.09
24	geraniol	24.90	2.67
25	linalyl acetate	25.16	51.10
26	geranial	25.24	0.09
27		28.62	0.03
28	terpinyl acetate <alpha>	29.04	0.08
29	neryl acetate	29.54	2.15
30	geranyl acetate	30.32	3.82
31	caryophyllene <beta>	32.60	0.59
32	humulene <alpha>	33.94	0.05
33	bicyclogermacrene	35.63	0.19
34		37.89	0.04
			100.00