

1 Identification de l'échantillon / Sample identification

Désignation commerciale <i>Trade name</i>	HE GAULTHERIE BIO <i>Organic Wintergreen Oil</i>
Code article / Article code	[MP10245]
Type d'extrait <i>Type of Extract</i>	Huile Essentielle <i>Essential Oil</i>
Nom commun <i>Common name</i>	Gaulthérie <i>Wintergreen</i>
Nom botanique <i>Botanical name</i>	<i>Gaultheria fragrantissima</i>
Qualité / Quality	Biologique / <i>Organic</i>
Partie de la plante <i>Part of the plant</i>	Feuille <i>Leaf</i>
Producteur / Fournisseur <i>Manufacturer / Supplier</i>	LABORATOIRE ALTHO
N° de Lot / Batch number	WGO/BK/(013-018)2024
Informations / Information	Origine Népal
N° unique d'échantillon <i>Sample number</i>	Analyse fournisseur



2 Analyses Physico-Chimiques / Physical and chemical properties

Physical State and Appearance	:	Liquid
Color	:	Pink to Red
Odour	:	Characteristic intense sweet woody odor with flowery odor
Specific Gravity	:	1.1645–1.1821 at 25 °C
Refractive Index	:	1.531–1.545 at 25 °C
Optical Rotation	:	(–) 1.03– (–) 3.44
Acid Value	:	1.5–5.5
Ester Value	:	270–335
Ester Value after Acetylating	:	331–451
Flash Point	:	95 °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%
7.345	Mesityl oxide	0.00
7.383	n-Octane	0.00
7.400	Hexanal	0.00
9.428	3-cis-Hexenol	0.01
13.309	alpha-Pinene	0.03
14.252	Camphene	0.00
14.882	Benzaldehyde	0.00
15.550	Sabinene	0.00
15.874	beta-Pinene	0.11
16.500	Myrcene	0.00
16.505	2-Pentyl furan	0.00
17.429	Hexenyl acetate	0.00
17.592	alpha-Phellandrene	0.00
17.755	delta-3-C arene	0.01
18.760	para-Cymene	0.00
19.074	Limonene	0.01
19.298	Benzyl alcohol +1-8-Cineole	0.02
21.765	n-Octanol	0.01
23.761	Linalool	0.04
23.994	Hotrienol	0.00
24.107	n-Nonanal	0.01
30.948	Methyl salicylate	99.52
31.809	para-Ethoxy styrene	0.00
32.176	beta-Cyclocitral	0.00
34.202	Geraniol	0.01
35.032	2-trans-Decenal	0.00
35.422	Ethyl salicylate	0.05
36.271	Vitispirane	0.00
40.941	Eugenol	0.10
42.908	para-mercapto-Methyl benzoate	0.01
45.457	beta-Caryophyllene	0.01
47.982	allo-Aromadendrene	0.00
60.274	8-Hexadecyne	0.00
78.033	13-epi-Manool oxide	0.00
80.282	Phenyl ethyl alcohol dimer	0.00
		100.00

3.2 Chromatogramme / Chromatogram

