

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	INT250124-03
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%
6.604	n-Octane	0.00
6.654	Hexanal	0.00
11.873	alpha-Pinene	0.02
13.388	Benzaldehyde	0.00
14.140	Phenol	0.00
14.235	beta-Pinene	0.01
16.984	meta-Cymene	0.00
17.275	Limonene	0.00
17.452	1,8-Cineole	0.00
21.824	Linalool	0.01
22.171	n-Nonanal	0.00
27.473	Naphthalene	0.00
28.803	Methyl salicylate	99.74
33.203	Ethyl salicylate	0.06
33.962	Vitispirane	0.00
38.692	Eugenol	0.08
40.630	para-mercapto-Methyl benzoate	0.01
40.786	beta-Bourbonene	0.00
43.039	beta-Caryophyllene	0.01
45.186	trans-beta-Farnesene	0.00
46.857	Germacrene D	0.00
48.362	trans-trans-alpha-Farnesene	0.00
68.315	Benzyl salicylate	0.00
75.397	13-epi-Manool oxide	0.01
77.200	Abietatriene	0.01
77.776	Phenyl ethyl alcohol dimer	0.00
		100.00

3.2 Chromatogramme / Chromatogram

