

## 1 Identification de l'échantillon / Sample identification

<b>Désignation commerciale</b> <i>Trade name</i>	HE GAULTHERIE BIO <i>Organic Wintergreen Oil</i>
<b>Code article / Article code</b>	[MP10245]
<b>Type d'extrait</b> <i>Type of Extract</i>	Huile Essentielle <i>Essential Oil</i>
<b>Nom commun</b> <i>Common name</i>	Gaulthérie <i>Wintergreen</i>
<b>Nom botanique</b> <i>Botanical name</i>	<i>Gaultheria fragrantissima</i>
<b>Qualité / Quality</b>	Biologique / <i>Organic</i>
<b>Partie de la plante</b> <i>Part of the plant</i>	Feuille <i>Leaf</i>
<b>Producteur / Fournisseur</b> <i>Manufacturer / Supplier</i>	LABORATOIRE ALTHO
<b>N° de Lot / Batch number</b>	INT250617-01
<b>Informations / Information</b>	Origine Népal
<b>N° unique d'échantillon</b> <i>Sample number</i>	Analyse fournisseur



## 2 Analyses Physico-Chimiques / Physical and chemical properties

<b>Physical State and Appearance</b>	: Liquid
<b>Color</b>	: White
<b>Odour</b>	: Characteristic intense sweet woody odor with flowery odor
<b>Specific Gravity</b>	: 1.1645–1.1821 at 25 °C
<b>Refractive Index</b>	: 1.531–1.545 at 25 °C
<b>Optical Rotation</b>	: (–) 1.05– (–) 3.45
<b>Acid Value</b>	: 1.6–5.5
<b>Ester Value</b>	: 270–375
<b>Ester Value after Acetylating</b>	: 331–451
<b>Flash Point</b>	: 95 °C
<b>Solubility in water</b>	: 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

