GRĒNE

SPECIFICATION SHEET

Balsam Fir Canada EO ORG

CODE GRENE : 02S/ABIBAL

PRODUCTION :

Organic fir balsam essential oil is obtained by steam distillation of needles and fresh terminal branches of *Abies balsamea* (L.) Mill., *Pinus balsamea* L. (wild varieties), of the family : Pinaceae.

COUNTRY OF ORIGIN (harvesting and transformation) : Canada

QUALITY : vegetal, pur and natural
Certified organic by ECOCERT France SAS, certificate on request

LEGISLATION :

CAS TSCA : 8024-15-5

CAS EINECS : 85085-34-3

EINECS : 285-364-0

FEMA : 2114

CoE : 3

FDA : /

REACH : Importer (quantities < 1t/year)

INCI (Cosing) : ABIES BALSAMEA NEEDLE OIL

INCI (PCPC) : ABIES BALSAMEA (BALSAM CANADA) NEEDLE OIL

SPECIFICATIONS :

- **Sensory quality :**

Aspect	Liquid
Color	Colorless to bright yellow
Odor	Woody, fresh, resinous

- **Analytical quality :**

Density (20°C)	0,869 - 0,885
Refractive index (20°C)	1,472 - 1,48
Optical rotation (20°C)	-24° à -19°
Peroxide index	[< 10 mmols/L;0]

- **Chromatographic profile (main compounds) :**

beta-pinene (127-91-3)
Delta-3-carene (13466-78-9)
alpha-pinene (80-56-8)
Bornyl acetate (76-49-3)

- **Molecules not added in this raw material and not detectable in GC at 100 ppm (only molecules detectable by this methode) :** phtalates, additives, preservatives, antioxidants, formol, nonylphenol, muscs, acrylamide, lyral, lilial, atranol, chloroatranol, asbestos, free amines, formaldehydes, nitroamines, ethylene oxide, triethanolamine, 1,4-dioxane, residual solvents, glycol ether, SVHC.

- **Eucalyptol, menthol, camphor (detection level : 100 ppm in gas chromatography) :** EUCALYPTOL (<2%), CAMPHOR (<0.6%)

- **CMR (detection level : 100 ppm in gas chromatography) :** not detedcted

- **CMR (P65) (detection level : 100 ppm in gas chromatography) :** BETA-MYRCENE (<2%)

- **VOC :** please see the chromatography of the raw material enclosed with the certificate of analyses.

- **Furocoumarins :** this essential oil is not known to contain furocoumarins. Moreover, it is not listed in the IFRA standard "Citrus oils and other furocoumarins containing essential oils."

- **Animal tests :** according to the 1223/2009/CE regulation, we have not carried out tests on animals with this raw material.

- **BSE :** this raw material is not concerned by the BSE hazard (Bovine Spongiform Encephalopathy)

- **GMO :** this raw material has not been subjected to, or derived from, any technique of genetic modification and that none of the materials used in the preparation or manufacture of the materials has been subjected to, or derived from, any technique of genetic modification.

- **Allergens :** certificate on request

- **1223/2009/EC regulation :** certificate on request

- **IFRA :** certificate on request

- **Other information :** this raw material has not been ionised and no nanomaterial has been used during its production and packing. Product certified organic by ECOCERT (certificate on request)

- **Vegan:** This raw material contains no animal ingredients or by-products.

- **Palm Oil:** This raw material contains no palm oil.

PACKAGING, STORAGE, SHELF LIFE :

HDPE drum

Ambient temperature

36 Months