



CERTIFICATE of ANALYSIS
Product: Pine Needle Scotch Organic

INCI Name: Pinus sylvestris Leaf Oil

CAS No: 8023-99-2/84012-35-1 EINECS No: -/281-679-2

Countries of Origin: France

Batch Code: 103223

Test	Specification	Analysis
Appearance		Clear mobile liquid
Colour		Colourless to light yellow
Odour		Aromatic, typical pine
Specific Gravity at 20°C	0.857 – 0.875	0.86
Refractive Index at 20°C	1.465 – 1.475	1.467
Optical Rotation at 20°C	-40.0° to -20.0°	-29.7°
Peroxide Value (meq/kg)	5 Max	3.2

Manufacture Date: Nov 2016

Best Before: Nov 2019

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficiency of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.