



**CERTIFICATE OF ANALYSIS**  
**PINE NEEDLE OIL SYLVESTRIS**

Customer:	The Soap Kitchen	Order No:	-
Quantity:	1 x 5 kilo containers	Batch No:	KMO5345
Date:	17.08.2018	Code No:	-
Supplier Ref:	30625-01	-	

**Appearance:** Clear, colourless to pale yellow mobile liquid.  
**Odour:** Characteristic

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C	0.857 – 0.875	0.860
Refractive Index @ 20°C	1.465 – 1.475	1.467
Optical Rotation @ 20°C	-40 to -20	-29.4

**Date of Manufacture:** June 2018  
**Date of Expiry:** June 2021

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