

	RAW MATERIAL SPECIFICATIONS Patagonia Pine Essential Oil	RMSP-1
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GENERAL INFORMATION			
Product	Patagonia Pine Essential Oil	Production process	Steam distillation
INCI Name	Pinus ponderosa Essential oil	Producer	Hierbas Patagónicas SRL
Cas number	97553-47-4	Shelf life	4 years
EINECS/ELINCS Number	307-206-2	Storage	Plastic bottles

ORGANOLEPTIC CHARACTERISTICS	
Assays	Specifications
Appearance	Clear mobile liquid
Color	Pale yellow
Odor	Strong resinous, slightly aniseed

PHYSICOCHEMICAL CHARACTERISTICS		
Assays	Specifications	
	Min	Max
Relative Density (at 20°C)	0.8820	0.8980
Refraction Index (at 20°C)	1.4680	1.4864
Rotational Power (at 20°C)	-6.4°	-9.8°
Flash point (°C)	-	-

BIOCHEMICAL CHARACTERISTICS		
Chromatographic peaks	Specifications (%)	
	Min	Max
Beta-pinene	20	50
4-allylanisole (Methyl chavicol)	10	25
Delta-3-carene	10	20
Alpha-pinene	4	20
D-Limonene	1	4
Linalol	1	2

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