



**RAW MATERIAL
SPECIFICATIONS**
Guaiac Wood Essential Oil

GENERAL INFORMATION			
Product	Guaiac Wood Essential Oil	Production process	Steam distillation
INCI Name	Bulnesia Sarmientoi essential oil	Producer	Heffner Oil SRL
Cas number	8016-23-7	Shelf life	6 years
EINECS/ELINCS Number	289-632-8	Storage	Plastic bottles

ORGANOLEPTIC CHARACTERISTICS	
Assays	Specifications
Appearance Color Odor	Clear mobile liquid Golden Soft, Balsamic, Woody, Slightly Smoky

PHYSICOCHEMICAL CHARACTERISTICS	
Assays	Specifications
	Min - Max
Relative Density (at 20°C)	0.965 - 0.975 g/cm ³
Refraction Index (at 20°C)	1,425 - 1,585
Rotational Power (at 20°C)	-12° - -2°
Melting Point	40 - 50 °C
Flash point (°C)	>93 °C

BIOCHEMICAL CHARACTERISTICS	
Chromatographic peaks	Specifications (%)

Bulnesol	34.59
Guaiol	27.81
β -Eudesmol	4.22
α -Bulnese	4.09
γ -Eudesmol	3.78
8-epi-.gama.-eudesmol	2.21
α -Eudesmol	2.04
2-Naphthalenemethanol	2.03
Tetracyclononane	2.01
Elemol	1.03
α -Guaiene	1.03

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