



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography

Organic Laurel Leaf (Bay) Essential Oil

(*Laurus nobilis*)

Batch number 130826-3

	METHOD	STANDARD	RESULT	CONFORMITY
DESCRIPTION				
Type of product		Essential oil	Essential oil	Conform
Botanical name		Laurus nobilis L.	Laurus nobilis L.	Conform
Plant part		Leaf	Leaf	Conform
Quality		100% pure and natural	100% pure and natural	Conform
ORGANOLEPTIC SPECIFICATIONS				
Appearance		Liquid	Liquid	Conform
Colour		Colorless to pale yellow	Light yellow	Conform
Odor		Characteristic, fresh, spicy, woody	Characteristic, fresh, spicy, woody	Conform
PHYSICAL AND CHEMICAL SPECIFICATIONS				
Density (at 20 °C) internal method		[0.910 ; 0.930]	0.911	Conform
Refractive index (at 20°C) Internal method		[1.455 ; 1.475]	1.467	Conform
Optical rotation (°)		[-25.0 ; -15.0]	-17.6	Conform
Flash point (°C)		49-54	49-54	Conform
CHROMATOGRAPHY (%)				
alpha-Pinene			6.01	

	METHOD	STANDARD	RESULT	CONFORMITY
<i>Sabinene</i>			6.8	
<i>beta-Pinene</i>			4.57	
<i>1,8-Cineole (= Eucalyptol)</i>			44.47	
<i>Limonene (D)</i>			1.56	
<i>Linalool</i>			6.65	
<i>Terpinen-4-ol (4-carvomenthenol)</i>			2.99	
<i>Estragole (= Methyl chavicol)</i>			0.07	
<i>alpha-Terpinyol acetate</i>			8.38	
<i>Eugenol</i>			0.82	
<i>Methyl eugenol</i>			1.78	

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