



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Laurel Leaf (Bay) Essential Oil
(Laurus nobilis)

Batch number : 110725-2

Conditions opératoires de l'analyse

- Colonne : Elite 5MS 60 m x 0.18 mm x 18 µm
- Dilution : 1 % dans l'hexane
- Injection : 1 µl. Split 60

Programmation en T°

Rampe	Vitesse (°C/min)	T °C	Durée (min)
Initial	-	65	0
1	30.0	135	3
2	3.0	240	0
3	30.0	260	4

Résultats combinés GC-SM

Composant	CAS N°	TR (min)	Teneur (%)	Allerg. Cosm.
α-Thujene	2867-05-2	5,406	0,420	
α-Pinene	80-56-8	5,530	6,063	Yes
Camphene	79-92-5	5,712	0,348	
Sabinene	33-41-5	5,856	6,530	
β-Pinene	18172-67-3	5,975	4,329	Yes
2,3-Dehydro-1,8-cineole	92760-25-3	6,018	0,153	
α-Phellandrene	99-83-2	6,182	0,365	
β-Thujene	28634-89-1	6,233	0,073	
α-Terpinene	99-86-5	6,292	0,769	Yes
P-Cymene	99-87-6	6,392	2,400	
D-Limonene	5989-27-5	6,472	1,699	Yes
Eucalyptol	470-82-6	6,579	52,583	
γ-Terpinene	99-85-4	6,744	1,344	
(E)-Sabinene hydroxide	17699-16-0	6,931	0,165	
Linalol	78-70-6	7,149	1,462	Yes
3,7-Dimethyl-1,5,7-octatrien-3-ol	29957-43-5	7,210	0,037	
(Z)-Sabinene hydroxide	15537-55-0	7,371	0,134	
(E)-p-2-Menthen-1-ol	29803-81-4	7,722	0,164	

Lanvandylyl isobutyrate	51117-20-5	7,992	0,155	
(E)-Pinocarveol	547-61-5	8,116	0,241	
δ -Terpineol	7299-42-5	8,476	0,486	
Borneol	507-70-0	8,632	0,095	
Terpinen-4-ol	562-74-3	8,717	3,235	
p-Mentha-1,4-dien-7-ol	22539-72-6	8,783	0,134	
α-Terpineol	98-55-5	8,926	1,547	Yes
Myrtenol	515-00-4	9,007	0,152	
α -Thujenal	57129-54-1	9,057	0,170	
(E)-Piperitol	16721-39-4	9,156	0,047	
Geranyl formate	105-86-2	9,288	0,021	
α -Bisabolol	515-69-5	9,551	0,050	
2-Octanone	111-13-7	9,828	0,035	
Sabinyl isobutanoate	5281-01-6	10,264	0,075	
Isopropyl phenylacetate	4861-85-2	10,677	0,074	
Bornyl acetate	76-49-3	10,790	0,186	
δ -Terpineol acetate	93836-50-1	11,405	0,601	
1,3,8-P-Menthatriene	18368-95-1	11,575	0,056	
α-Terpinyl acetate	80-26-2	12,318	9,160	
Eugenol	97-53-0	12,455	0,333	Yes
Ylangene	14912-44-8	13,207	0,068	
Methyleugenol	93-15-2	13,530	0,624	
β -Elemene	515-13-9	13,641	0,378	
β -Caryophyllene	87-44-5	14,806	0,389	Yes
(+)-Aristolene	6831-16-9	15,910	0,148	
γ -Gurjunene	22567-17-5	16,980	0,140	
δ -Cadinene	483-76-1	17,686	0,080	
(E)- α -Bisabolene	25532-79-0	18,204	0,164	
			97,88 %	