



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Lavender, France - Organic
LATIN NAME	<i>Lavandula angustifolia</i>
COUNTRY OF ORIGIN	France
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Flowers
USE	Aromatherapy, Natural Perfumery

SKU	520
LOT #	27
MANUFACTURING DATE	July 2024
BEST BY DATE	July 2027

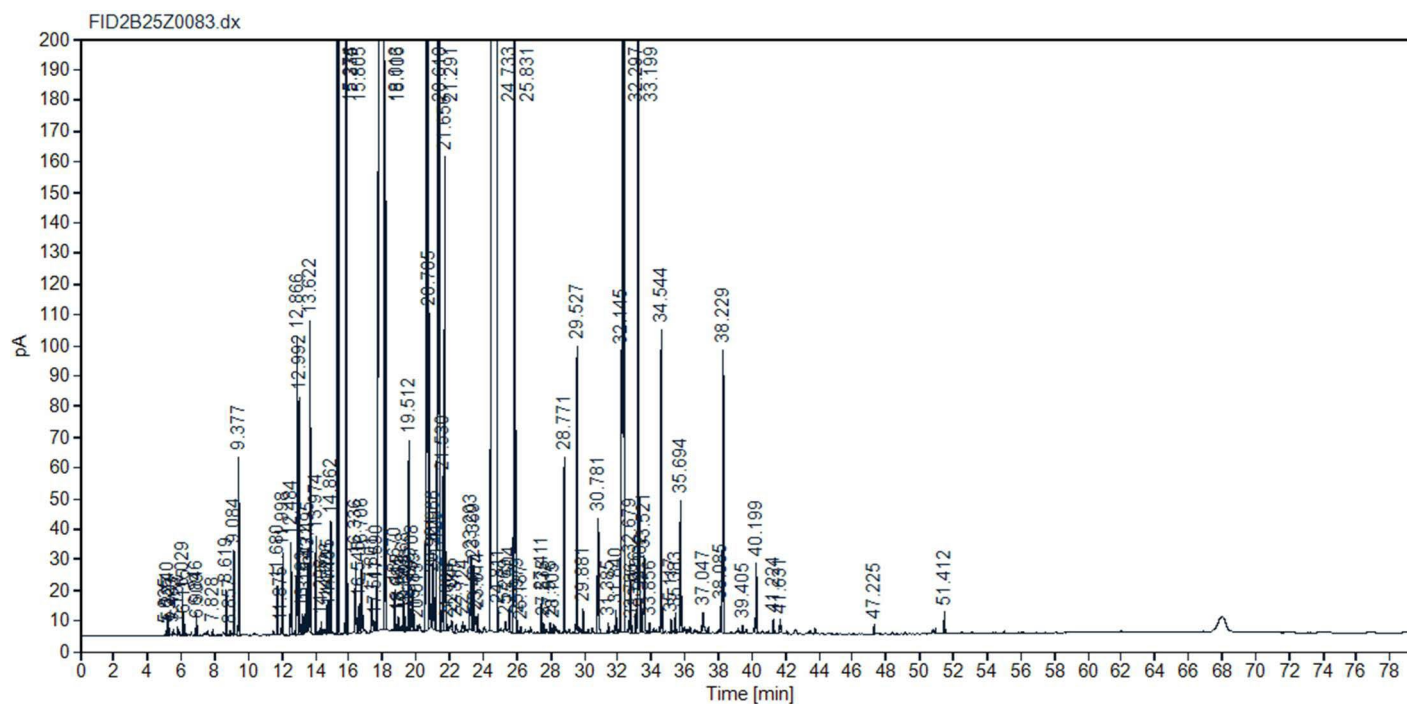
	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.880 - 0.890	na
REFRACTIVE INDEX @20°C	1.458 - 1.464	1.4611
OPTICAL ROTATION @20°C	-11.5° to -7°	na

PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Colorless to pale yellow	Conforms
ODOR	Fresh, floral, herbaceous.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Linalyl Acetate, Linalool, Terpinen-4-Ol.
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GCMS ANALYSIS

CHROMATOGRAPHY PROFILE:



TR FID	Compound	% GC/FID
5.140	ethyl alcohol	0,03
5.737	methyl-2-buten-3-ol-2	0,01
6.029	butanal 3 methyl	0,06
6.115	butanal 2 methyl	0,02
6.846	isoamyl alcohol	0,03
6.909	1 butanol 2 methyl	0,01
7.828	aldehyde C6	0,01
8.619	hexyl methyl ether	0,06
8.857	trans 2 hexenal	0,01
9.084	cis 3 hexenol	0,11
9.377	hexyl alcohol	0,25
11.680	alpha thujene	0,06
	tricyclene	0,01
11.875	benzoic aldehyde*	0,01
11.998	alpha pinene*	0,11
12.484	camphene	0,15
12.866	1,3 octenol	0,51
12.992	3 octanone	0,34
13.182	sabinene	0,03
13.367	butyl butyrate	0,03
13.421	beta pinene*	0,07
13.495	3-octanol	0,11
13.622	beta myrcene ⁶⁵	0,45
13.974	hexyl acetate	0,15
14.298	alpha phellandrene	0,03
14.626	delta 3 carene	0,04
14.626	meta-cymene	0,05
14.715	alpha terpinene*	0,03
14.862	paracymene	0,18
15.274	eucalyptol	1,03
	limonene*	0,25
	beta phellandrene	0,16
15.335	cis beta ocimene	2,93
15.805	trans beta ocimene	2,84
16.336	gamma terpinene	0,12
16.545	trans sabinene hydrate	0,06
16.706	linalool oxide 1/2	0,14
17.301	linalool oxide 2/2	0,10
17.511	rosefuran	0,01
17.590	terpinolene*	0,07
18.013	linalool*	29,71
18.106	octenyl acetate	0,81
18.670	3 octyl acetate	0,06
18.845	cis-2-menthenol	0,02
18.921	butyl tiglate	0,02

TR FID	Compound	% GC/FID
19.168	alloocimene	0,06
19.512	camphor*	0,33
19.579	trans pinocarveol	0,03
19.708	hexyl isobutyrate	0,07
20.015	nerol oxide	0,01
20.610	lavandulol	2,85
20.705	borneol	0,83
20.921	paracymenol	0,08
20.966	cryptone	0,17
21.291	4 terpinenol	3,63
21.530	hexyl butyrate	0,26
21.656	alpha terpineol*	0,93
22.317	octyl acetate	0,02
22.724	carveol	0,03
23.203	nerol	0,18
23.369	cuminic aldehyde	0,08
	bornyl formate	0,06
23.487	carvone*	0,04
24.733	linalyl acetate*	35,05
	geraniol*	0,47
24.811	geranial*	0,03
25.504	cuminic alcohol	0,05
25.831	lavandulyl acetate	2,68
	bornyl acetate	0,10
27.411	hexyl tiglate	0,06
28.771	neryl acetate	0,30
29.527	geranyl acetate*	0,51
29.881	hexyl caproate	0,04
30.781	coumarin*	0,19
31.840	cis alpha bergamotene	0,04
32.145	alpha santalene	0,46
32.297	beta caryophyllene*	4,49
32.679	trans alpha bergamotene	0,12
33.016	aromadendrene	0,03
33.199	trans beta farnesene	1,90
33.521	alpha humulene	0,18
34.544	germacrene D	0,59
35.383	beta bisabolene	0,04
35.694	gamma cadinene	0,24
38.229	caryophyllene oxide	0,55
40.199	tau cadinol	0,13
41.631	7 methoxycoumarin	0,03
47.225	hexahydrofarnesyl acetone	0,02
	Total	99,25
*EU Allergens ⁶⁵ Prop 65		

This Essential Oil is a 100% pure and natural product and does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

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 Document created: 11.16.18
 Document updated: 02.07.25