



CERTIFICATE of ANALYSIS (COA)

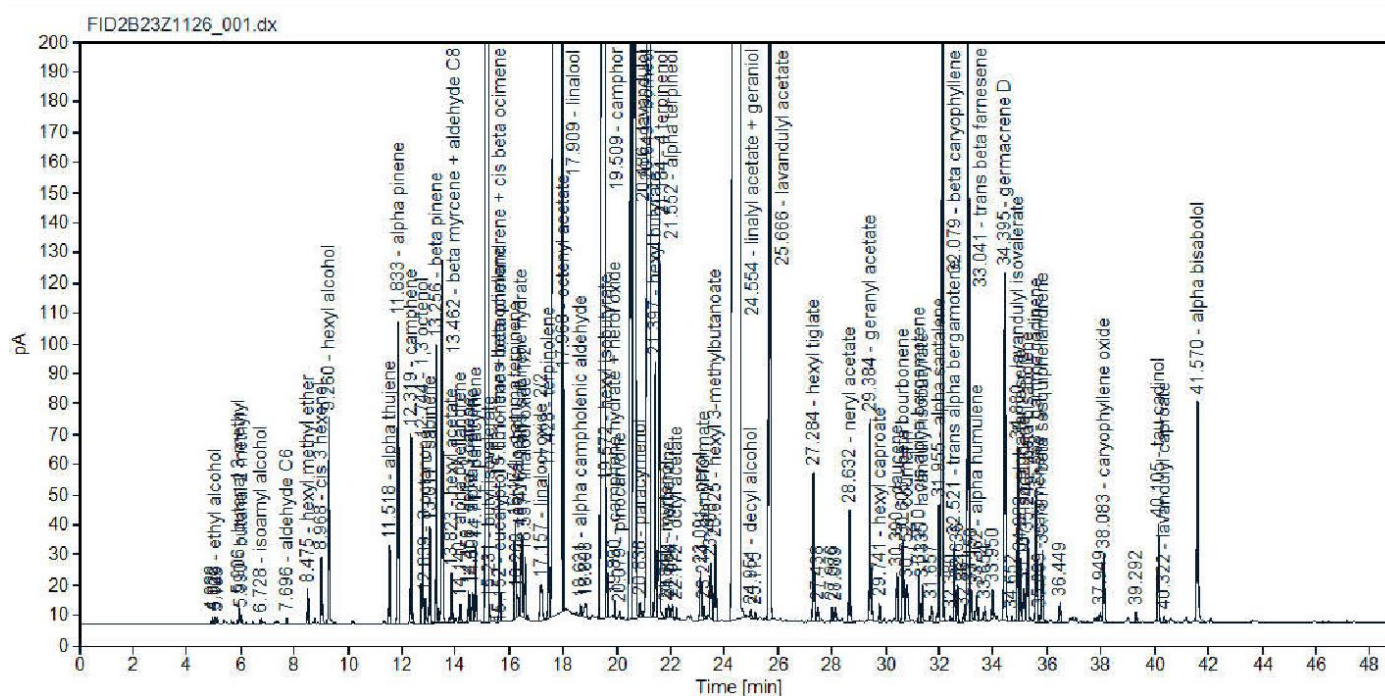
COMMON NAME	Lavandin, Grosso - Organic
LATIN NAME	<i>Lavandula hybrida</i> (synonym of <i>Lavandula x intermedia</i>)
COUNTRY OF ORIGIN	France
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Flowering Tops
USE	Aromatherapy, Natural Perfumery, Incense

SKU	500
LOT #	22
MANUFACTURING DATE	April 2023
BEST BY DATE	April 2026

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.888-0.898	0.8964
REFRACTIVE INDEX @20°C	1.455-1.465	1.4617
OPTICAL ROTATION @20°C	-9° to -1°	-2.9400

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

PRIMARY CONSTITUENTS	Linalool (25-40%), Linalyl Acetate (22-38%), Camphor (4-10%).
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TR FID	Compound	% GC/FID
5.028	ethyl alcohol	0,01
5.906	butanal 3 methyl	0,02
5.990	butanal 2 methyl	0,01
6.728	isoamyl alcohol	0,01
7.696	aldehyde C6	0,01
8.475	hexyl methyl ether	0,04
8.968	cis 3 hexenol	0,10
9.260	hexyl alcohol	0,29
11.518	alpha thujene	0,11
11.833	alpha pinene	0,42
12.319	camphene	0,27
12.744	1,3 octenol	0,30
12.839	3 octanone	0,04
13.017	sabinene	0,14
13.256	beta pinene	0,41
13.462	beta myrcene	0,50
	aldehyde C8	0,03
13.823	hexyl acetate	0,08
14.140	alpha phellandrene	0,04
14.458	delta 3 carene	0,05
14.602	alpha terpinene	0,06
14.712	paracymene	0,13
15.152	eucalyptol	5,79
	limonene	0,71
	beta phellandrene	0,05
	cis beta ocimene	0,53
15.231	butyl isovalerate	0,03
15.601	trans beta ocimene	0,20
16.174	gamma terpinene	0,16
16.268	octyl alcohol	0,06
16.416	trans sabinene hydrate	0,18
16.557	linalool oxide 1/2	0,12
17.157	linalool oxide 2/2	0,11
17.428	terpinolene	0,23
17.909	linalool	31,81
17.968	octenyl acetate	0,27
18.621	alpha campholenic aldehyde	0,02
19.509	camphor	7,92
19.572	hexyl isobutyrate	0,20
19.890	camphene hydrate	0,02
	nerol oxide	0,01
20.079	pinocavone	0,02
20.486	lavandulol	1,21

TR FID	Compound	% GC/FID
20.649	borneol	2,69
20.836	paracymenol	0,03
21.184	4 terpinenol	4,65
21.397	hexyl butyrate	0,39
21.552	alpha terpineol	0,93
21.811	myrtenol	0,01
21.884	verbenone	0,03
22.172	octyl acetate	0,02
23.091	nerol	0,11
23.214	bornyl formate	0,02
23.625	hexyl 3-methylbutanoate	0,16
24.554	linalyl acetate	28,85
	geraniol	0,37
24.951	decyl alcohol	0,01
25.666	lavandulyl acetate	1,88
27.284	hexyl tiglate	0,24
28.632	neryl acetate	0,19
29.384	geranyl acetate	0,34
29.741	hexyl caproate	0,03
30.390	daucene	0,10
30.605	beta bourbonene	0,04
30.752	coumarin	0,10
31.210	cis alpha bergamotene	0,08
31.335	lavandulyl isobutyrate	0,06
31.955	alpha santalene	0,20
32.079	beta caryophyllene	1,41
32.521	trans alpha bergamotene	0,13
33.041	trans beta farnesene	1,36
33.362	alpha humulene	0,06
34.395	germacrene D	0,62
34.880	lavandulyl isovalerate	0,30
34.983	alpha farnesene	0,10
35.107	isodaucene	0,06
35.246	beta bisabolene	0,14
35.558	gamma cadinene	0,21
35.689	calamenene	0,01
35.797	beta sesquiphellandrene	0,13
38.083	caryophyllene oxide	0,12
40.105	tau cadinol	0,17
40.322	lavandulyl caproate	0,01
41.570	alpha bisabolol	0,42
	Total	99,48

This Essential Oil is a 100% pure and natural product. It 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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