



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Elemi
LATIN NAME	<i>Canarium luzonicum</i>
COUNTRY OF ORIGIN	Philippines
CULTIVATION METHOD	Wild Grown
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Resin
USE	Aromatherapy, Natural Perfumery

SKU	285
LOT #	19
MANUFACTURING DATE	March 2024
BEST BY DATE	March 2027

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.85 - 0.91	0.8758
REFRACTIVE INDEX @20°C	1.472 - 1.490	1.4793
OPTICAL ROTATION @20°C	+44° to +85°	58.39°

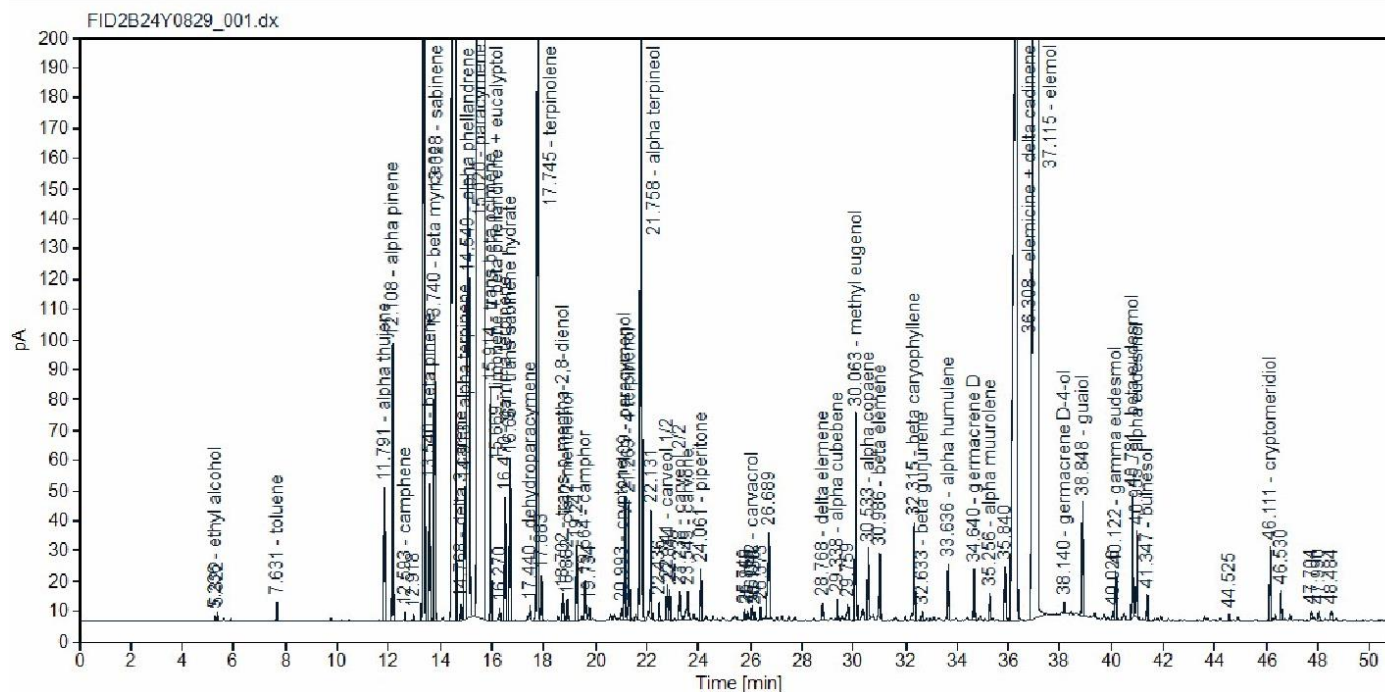
PHYSICAL APPEARANCE	Transparent liquid	<i>Conforms</i>
COLOR	Colorless to pale yellow	<i>Conforms</i>
ODOR	Fresh, lemony, peppery, balsamic, reminiscent of Frankincense.	<i>Conforms</i>
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Limonene, Alpha-Phellandrene, Elemol
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COMMENTS	Odor quality is excellent.
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GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE :



TR FID	Compound	% GC/FID
5.236	ethyl alcohol	0,01
7.631	toluene	0,02
11.791	alpha thujene	0,20
12.108	alpha pinene	0,42
12.593	camphene	0,01
13.328	sabinene	3,92
13.540	beta pinene	0,21
13.740	beta myrcene	0,58
14.549	alpha phellandrene	15,50
14.768	delta 3 carene	0,03
14.913	alpha terpinene	0,35
15.020	paracymene	1,61
15.669	limonene	49,55
	beta phellandrene	2,06
	eucalyptol	0,15
15.914	trans beta ocimene	0,33
16.470	gamma terpinene	0,19
16.667	trans sabinene hydrate	0,24
17.440	dehydroparacymene	0,02
17.745	terpinolene	1,93
18.702	trans-p-mentha-2,8-dienol	0,05
18.882	cis-2-menthenol	0,04
19.564	camphor	0,08
20.993	cryptone	0,02
21.109	paracymenol	0,23
21.269	4 terpinenol	0,21
21.758	alpha terpineol	1,79

TR FID	Compound	% GC/FID
22.741	carveol 1/2	0,06
23.238	carveol 2/2	0,06
23.549	carvone	0,08
24.061	piperitone	0,09
26.042	carvacrol	0,03
28.768	delta elemene	0,03
29.338	alpha cubebene	0,04
30.063	methyl eugenol	0,38
30.533	alpha copaene	0,13
30.986	beta elemene	0,12
32.315	beta caryophyllene	0,18
32.633	beta gurjunene	0,02
33.636	alpha humulene	0,09
34.640	germacrene D	0,09
35.256	alpha muurolene	0,05
36.308	elemicine	4,50
	delta cadinene	0,11
37.115	elemol	11,78
38.140	germacrene D-4-ol	0,02
38.848	guaiol	0,21
40.122	gamma eudesmol	0,10
40.781	beta eudesmol	0,23
40.955	alpha eudesmol	0,16
41.347	bulnesol	0,05
46.111	cryptomeridiol	0,14
	Total	98,48

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.

Eden Botanicals

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