



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 #	21
MANUFACTURING DATE	March 2025
BEST BY DATE	March 2028

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.85 - 0.91	0.8709
REFRACTIVE INDEX @20°C	1.472 - 1.490	1.4787
OPTICAL ROTATION @20°C	+44° to +85°	62.70°

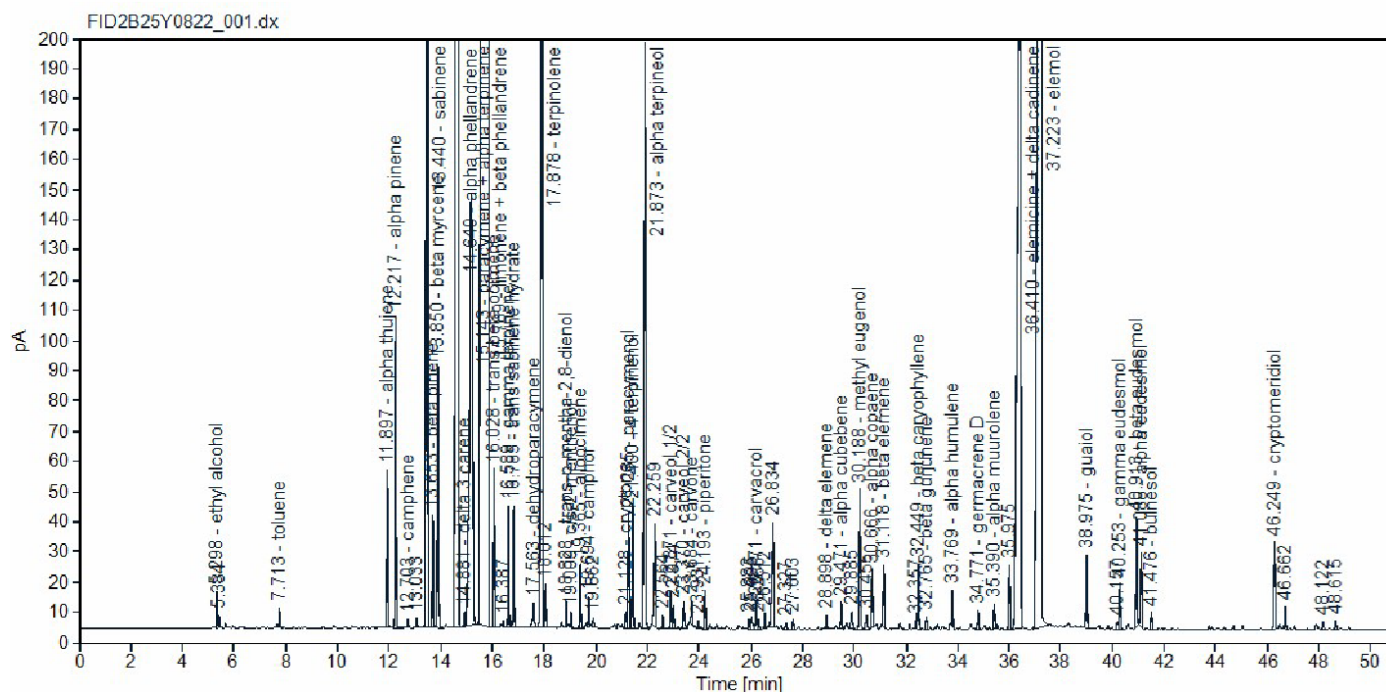
PHYSICAL APPEARANCE	Transparent liquid	<i>Conforms</i>
COLOR	Colorless to pale yellow	<i>Conforms</i>
ODOR	Fresh, lemony, peppery, balsamic, reminiscent of Frankincense.	<i>Conforms</i>
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

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

CHROMATOGRAPHY PROFILE



TR FID	Compound	% GC/FID
5.298	ethyl alcohol	0,05
7.713	toluene	0,03
11.897	alpha thujene	0,26
12.217	alpha pinene	0,53
12.703	camphene	0,01
13.440	sabinene	4,16
13.653	beta pinene	0,20
13.850	beta myrcene	0,58
14.649	alpha phellandrene	13,49
14.881	delta 3 carene	0,03
15.143	paracymene	1,81
	alpha terpinene	0,34
15.789	limonene	53,06
	beta phellandrene	1,86
	eucalyptol	0,15
16.028	trans beta ocimene	0,25
16.589	gamma terpinene	0,20
16.785	trans sabinene hydrate	0,20
17.563	dehydroparacymene	0,06
17.878	terpinolene	2,61
18.828	trans-p-mentha-2,8-dienol	0,04
19.009	cis-2-menthenol	0,03
19.365	alloocimene	0,12
19.694	camphor	0,06
21.128	cryptone	0,03
21.235	paracymenol	0,23
21.400	4 terpinenol	0,23

TR FID	Compound	% GC/FID
21.873	alpha terpineol	1,38
22.871	carveol 1/2	0,07
23.370	carveol 2/2	0,06
23.684	carvone	0,05
24.193	piperitone	0,07
26.171	carvacrol	0,06
28.898	delta elemene	0,03
29.471	alpha cubebene	0,05
30.188	methyl eugenol	0,28
30.666	alpha copaene	0,12
31.118	beta elemene	0,12
32.449	beta caryophyllene	0,13
32.765	beta gurjunene	0,03
33.769	alpha humulene	0,07
34.771	germacrene D	0,04
35.390	alpha muurolene	0,05
36.410	elemicine	4,01
	delta cadinene	0,08
37.223	elemol	10,43
38.975	guaiol	0,15
40.253	gamma eudesmol	0,10
40.913	beta eudesmol	0,22
41.088	alpha eudesmol	0,16
41.476	bulnesol	0,04
46.249	cryptomeridiol	0,18
	Total	98,60

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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