



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Armoise (Mugwort) - Wild
LATIN NAME	<i>Artemisia herba-alba</i>
COUNTRY OF ORIGIN	Morocco
CULTIVATION METHOD	Wildcrafted
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Leaves
USE	Aromatherapy, Natural Perfumery.

SKU	78
LOT #	13
MANUFACTURING DATE	August 2023
BEST BY DATE	August 2026

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.92 - 0.94	0.9282
REFRACTIVE INDEX @20°C	1.45 - 1.47	1.4646
OPTICAL ROTATION @20°C	na	-17.25°

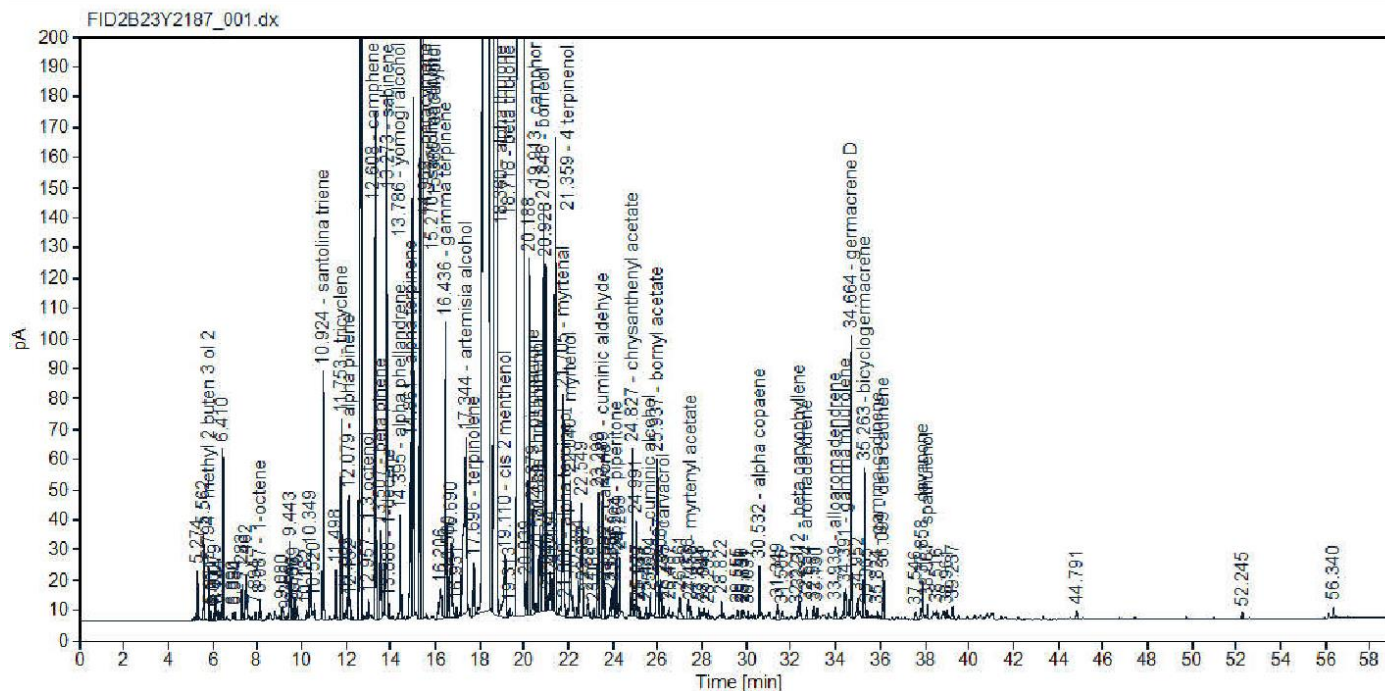
PHYSICAL APPEARANCE	Transparent, mobile liquid.	Conforms
COLOR	Yellow to brown-yellow	Conforms
ODOR	Powerful, very fresh, cool, highly diffusive, bittersweet-camphoraceous.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Alpha-thujone, Camphor, Beta-thujone.
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COMMENTS	Odor quality is excellent.
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GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE :



TR FID	Compound	% GC/FID
5.794	methyl 2 buten 3 ol 2	0,08
8.087	1-octene	0,04
10.924	santolina triene	0,43
11.753	tricyclene	0,35
12.079	alpha pinene	0,22
12.608	camphene	5,41
12.957	1,3 octenol	0,04
13.273	sabinene	0,88
13.507	beta pinene	0,15
13.786	yomogi alcohol	1,35
13.888	1-decene	0,03
14.395	alpha phellandrene	0,22
14.861	alpha terpinene	0,42
14.969	paracymene	1,11
15.270	santolina alcohol	0,87
15.385	eucalyptol	3,16
16.436	gamma terpinene	0,56
17.344	artemisia alcohol	0,85
17.696	terpinolene	0,12
18.360	alpha thujone	32,28
18.718	beta thujone	8,28
	chrysanthenone	0,30
19.110	cis 2 menthenol	0,27
19.913	camphor	30,63
20.379	pinocarvone	0,21
20.587	cis chrysanthenol	0,11

TR FID	Compound	% GC/FID
20.846	borneol	0,98
21.359	4 terpinenol	0,97
21.705	myrtenal	0,50
21.808	alpha terpineol	0,02
22.040	myrtenol	0,42
23.489	cuminic aldehyde	0,25
23.592	carvone	0,06
24.104	piperitone	0,12
24.827	chrysanthenyl acetate	0,32
25.604	cuminic alcohol	0,04
25.937	bornyl acetate	0,37
26.235	carvacrol	0,03
27.456	myrtenyl acetate	0,03
29.555	cis jasmone	0,02
30.532	alpha copaene	0,10
32.312	beta caryophyllene	0,04
32.654	aromadendrene	0,01
33.939	alloaromadendrene	0,02
34.391	gamma muurolene	0,10
34.664	germacrene D	0,58
35.263	bicyclogermacrene	0,31
35.824	gamma cadinene	0,01
36.099	delta cadinene	0,09
37.858	davanone	0,08
38.087	spathulenol	0,03
	Total	93,84

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.

Eden Botanicals

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