



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 #	11
MANUFACTURING DATE	September 2020
BEST BY DATE	October 2024

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.92 - 0.94	0.9341
REFRACTIVE INDEX @20°C	1.45 - 1.47	1.4645
OPTICAL ROTATION @20°C	na	-18.594

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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COMPONENTS	% RANGE	%	COMPONENTS	% RANGE	%
ALPHA-THUJONE	30-50	32.13	PINOCARVONE	na	0.29
CAMPHOR	14-38	30.86	CIS CHRYSANTHENOL	na	0.19
BETA-THUJONE	5-10	6.2	PARACYMENOL	na	0.08
CAMPHENE	na	5.18	4 TERPINENOL	na	0.64
EUCALYPTOL	na	5.03	MYRTENAL	na	0.52
SABINENE	na	2.28	MYRTENOL	na	0.40
BORNEOL	na	1.02	CUMINIC ALDEHYDE	na	0.17
SANTOLINA TRIENE	na	0.30	CARVONE	na	0.06
TRICYCLENOL	na	0.32	CHRYSANTHENYL ACETATE	na	0.32
ALPHA PINENE	na	0.26	BORNYL ACETATE	na	0.28
1,3 OCTENOL	na	0.06	CARVACROL	na	0.06
BETA PINENE	na	0.18	EUGENOL*	na	0.01
BETA MYRCENE ⁶⁵	na	0.13	CIS JASMONE	na	0.05
YOMOGI ALCOHOL	na	0.93	ALPHA COPAENE	na	0.08
ALPHA PHELLANDRENE	na	0.15	GAMMA MUUROLENE	na	0.09

ALPHA TERPINENE	na	0.31		GERMACRENE D	na	0.40
PARACYMENE	na	0.74		LEDENE	na	0.17
SANTOLINA ALCOHOL	na	0.85		ALPHA MUUROLENE	na	0.06
GAMMA TERPINENE	na	0.38		DELTA CADINENE	na	0.08
ARTEMISIA ALCOHOL	na	0.84		DAVANONE	na	0.05
DEHYDROPARACYMENE	na	0.05		CHRYSANTHENONE	na	0.09
TERPINOLENE	na	0.10				
* EU Allergen ⁶⁵ =Prop 65						

COMMENTS	Odor quality is excellent. Best By Date for this lot has been extended after retest analysis.
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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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