



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Juniper Berry - Organic
LATIN NAME	<i>Juniperus communis</i>
COUNTRY OF ORIGIN	Nepal
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Berries
USE	Aromatherapy, Natural Perfumery, Incense

SKU	476
LOT #	15
MANUFACTURING DATE	August 2020
RETEST	August 2023

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.848 – 0.872	na
REFRACTIVE INDEX @20°C	1.470 – 1.485	1.4788
OPTICAL ROTATION @20°C	-15° to +20°	-15°

PHYSICAL APPEARANCE	Transparent oil.	Conforms
COLOR	Colorless to pale yellow.	Conforms
ODOR	Sweet, fresh, woody-balsamic coniferous like odor.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils.	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.	

PRIMARY CONSTITUENTS	Alpha-Pinene, Beta-Myrcene, Beta-Pinene + Sabinene
----------------------	--

COMPONENTS	% RANGE	%	Components	% RANGE	%
ALPHA-PINENE	na	42.99	DELTA-3-CARENE	na	0.58
LIMONENE *	na	16.14	ALPHA-TERPINENE	na	0.13
MYRCENE ⁶⁵	na	15.89	PARA-CYMENE	na	0.54
BETA-PINENE	na	1.23	GAMMA-TERPINENE	na	0.47
SABINENE	na	0.61	TERPINOLENE	na	0.83
CEDROL	na	6.01	PARA-CYMENENE	na	0.06
ALPHA-THUJENE	na	0.46	PERILENE	na	0.09
ALPHA-FENCHENE	na	0.06	ALPHA-CAMPHOLENAL	na	0.11
CAMPHENE	na	0.23	TRANS-PINOCARVEOL	na	0.13
THUJA-2,4(10)-DIENE	na	0.22	PARA-MENTHA-1.5-DIEN-8-OL+BORNEOL	na	0.08
TERPINEN-4-OL	na	0.29	ALPHA-TERPINEOL	na	0.14
VERBENONE	na	0.07	BORNYL ACETATE	na	0.46
DELTA-ELEMENE	na	0.19	BETA-FUNBERENE	na	1.12
BETA-ELEMENE	na	0.27	BETA-CARYOPHYLLENE	na	0.60
BETA-CEDRENE	na	0.20	GAMMA-ELEMENE	na	0.66

CIS-THUJOPSENE	<i>na</i>	0.17		ALPHA-HUMULENE	<i>na</i>	0.23
CIS-CADINA-1(6),4-DIENE	<i>na</i>	0.10		GERMACRENE D	<i>na</i>	0.54
TRANS- CADINA-1(6),4-DIENE	<i>na</i>	0.23		BETA-SELINENE	<i>na</i>	0.08
TRANS-MUUROLA-4(14),5-DIENE	<i>na</i>	0.12		BETA-ALASKENE	<i>na</i>	0.26
GAMMA-CADINENE	<i>na</i>	0.33		3,9-GUAIADENE	<i>na</i>	0.20
DELTA-CADINENE	<i>na</i>	0.82		SELINA-3,7(11)-DIENE	<i>na</i>	0.15
GERMACRENE B	<i>na</i>	0.87		ELEMOL	<i>na</i>	0.34
CARIOPHYLLENE OXIDE	<i>na</i>	0.09		ALLO-CEDROL	<i>na</i>	0.30
TRICYCLEN	<i>na</i>	0.14		ALPHA-EUDESOL	<i>na</i>	0.33
ALPHA-SPRINGENE	<i>na</i>	0.49		TRANS-CIS-GERANYL LINALOOL	<i>na</i>	0.18
MANOYL OXIDE	<i>na</i>	0.07		PALUSTRADIENE	<i>na</i>	0.18
ABIETADIENE	<i>na</i>	1.49		4-EPI-ABIETAL	<i>na</i>	0.54
<i>* EU Allergen ⁶⁵=Prop 65</i>						

COMMENTS	Odor quality is excellent.
-----------------	----------------------------

This Essential Oil is an authentic 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

www.edenbotanicals.com

info@edenbotanicals.com

T: 1-707-509-0041 / F: 1-707-949-2526

Document created: 07.05.18

Document updated: 01.04.21