



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 #	21
MANUFACTURING DATE	April 2025
BEST BY DATE	April 2028

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @16.4°C	0.848 – 0.872	na
REFRACTIVE INDEX @20°C	1.470 – 1.485	1.4756
OPTICAL ROTATION @19°C	na	na

PHYSICAL APPEARANCE	Transparent oil	Conforms
COLOR	Colorless to pale amber	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.	

MAIN CONSTITUENTS	Alpha-Pinene, Limonene, Beta-Myrcene, Cedrol.
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CHROMATOGRAPHY PROFILE:



TR FID	Compound	ALLER.	IFRA	% GC/FID
4.808	ethyl alcohol			0,01
5.655	butanal 3 methyl			0,01
6.442	isoamyl alcohol			0,01
11.162	alpha thujene			0,99
	tricyclene			0,12
11.624	alpha pinene	*		39,91
11.874	alpha fenchene			0,03
11.947	camphene			0,17
12.636	sabinene			1,24
12.870	beta pinene	*		1,03
13.286	beta myrcene			39,83
13.760	alpha phellandrene			0,02
14.060	delta 3 carene			0,07
14.194	alpha terpinene	*		0,14
14.291	paracymene			0,33
14.716	limonene	*	**	2,64
	beta phellandrene			0,18
14.978	trans beta ocimene			0,01
15.746	gamma terpinene			0,82
15.927	trans sabinene hydrate			0,06
16.989	terpinolene	*		0,93
17.214	perillene			0,05
18.044	alpha campholenic aldehyde			0,01
18.145	cis-2-menthenol			0,02
18.813	camphor	*		0,04
18.900	trans pinocarveol			0,03
19.042	trans verbenol			0,03
19.995	borneol			0,03
20.367	paracymenol			0,04
20.525	4 terpinenol			0,36
20.939	alpha terpineol	*		0,05
21.227	myrtenol			0,01
21.330	verbenone			0,01
21.996	trans piperitol			0,01
22.447	carveol 2/2			0,02
22.791	fenchyl acetate			0,01
23.795	methyl citronellate			0,03
25.141	bornyl acetate			0,26
25.895	citronellic acid			0,03
27.981	delta elemene			0,22
28.543	alpha cubebene			0,03
29.726	alpha copaene			0,03
30.195	beta elemene			0,28
31.320	alpha cedrene		**	0,19
31.511	beta caryophyllene	*		0,44

TR FID	Compound	ALLER.	IFRA	% GC/FID
31.600	beta cedrene		**	0,03
31.835	gamma elemene			0,31
31.980	thujopsene			0,04
32.488	trans beta farnesene			0,03
32.596	cadina-3,5-diene			0,04
32.825	alpha humulene			0,18
33.104	cis-muurolo-4(15),5-diene			0,03
33.578	gamma muurolene			0,11
33.863	germacrene D			0,90
34.086	beta selinene			0,05
34.249	epi-bicyclosesquiphellandrene			0,10
34.468	alpha muurolene			0,17
35.028	gamma cadinene			0,12
	gamma acoradiene			0,14
35.135	calamenene			0,02
35.312	delta cadinene			0,49
35.434	epizonarene			0,02
35.716	cubenene			0,02
36.085	elemol			0,30
36.290	eudesma-3,7(11)-diene			0,06
36.485	nerolidol		**	0,03
36.847	germacrene B			0,68
37.288	germacrene D-4-ol			0,06
37.528	caryophyllene oxide			0,03
37.893	allocedrol			0,07
38.357	cedrol		**	0,97
39.020	isopathulenol			0,08
39.188	di-epi-1,10-cubenol			0,04
39.298	gamma eudesmol			0,04
39.577	tau muurolol			0,09
39.948	beta eudesmol			0,08
40.017	alpha cadinol			0,12
40.127	alpha eudesmol			0,07
41.479	shyobunol			0,03
48.650	dimyrcene 1			0,08
49.329	dimyrcene 2			0,05
50.363	m-camphorene			1,27
51.417	p-camphorene			0,46
52.526	8,13-abietadiene			0,05
52.743	levopimaradiene			0,03
53.434	abietatriene			0,03
54.636	abiet-7,13-diene			0,43
57.270	pimara-8(14),15-dien-18-al			0,03
60.169	abietal			0,24
	Total			98,96

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.

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