Client

Source

Blue Cypress (Callitris intratropica)

BLC-107 - Australia

Sample

Blue Cypress (Callitris intratropica)

Identification #:	BLC-107
Type:.....	Essential Oil
CAS Number:...	180287-43-8

Aromatics International

Properties

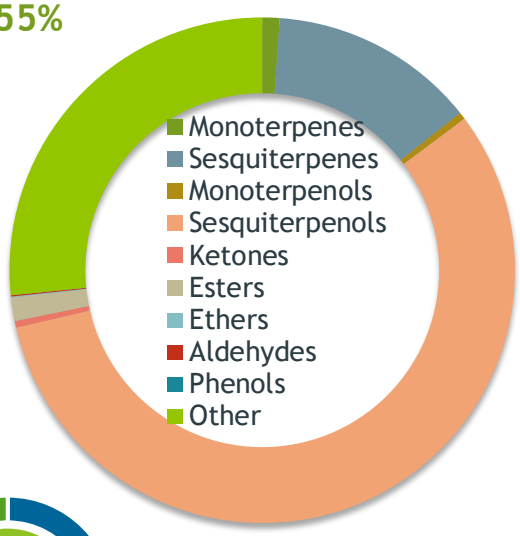
Country Of Origin	Australia
Specific Gravity	NT
Refractive Index	NT

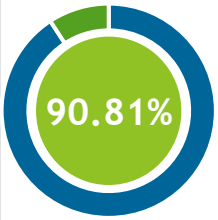
Primary

13.77%	alpha-Eudesmol
13.07%	Guaiol
10.64%	Dihydrocolumellarin

Sesquiterpenols

56.55%





Percentage Identified

Result

APPROVED

5/12/2025

Conclusion

No adulterants, diluents, or contaminates were detected via this method. This oil meets the expected profile for genuine Essential Oil of Blue Cypress (Callitris intratropica)

Internal Number: | EVS-6728

Essential Validation Services

240 Goose Hollow Road
Berthoud, CO 80513
317.361.5044 |
https://essentialvalidationservices.com/

Monoterpenes		1.11%
Sesquiterpenes	13.20%	13.20
Monoterpenols		0.45%
Sesquiterpenols	56.55%	56.55%
Ketones		0.42%
Esters		1.51%
Ethers		0.06%
Aldehydes		0.08%
Phenols		0.00%
Other	26.57%	26.57

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Total Percentage		90.81%		
Number	**RT**	**Area %**	**Compound Name**	**Chemical Family**
1	4.98	0.02%	Furfural	Furan
2	7.72	0.04%	Tricyclene	Monoterpene
3	8.13	0.49%	alpha-Pinene	Monoterpene
4	8.68	0.01%	alpha-Fenchene	Monoterpene
5	8.74	0.04%	Camphene	Monoterpene
6	8.91	0.01%	Thuja-2,4(10)-diene	Monoterpene
7	9.85	0.01%	beta-Pinene	Monoterpene
8	11.17	0.22%	delta-3-Carene	Monoterpene
9	11.87	0.05%	ortho-Cymene	Monoterpene
10	12.07	0.11%	Limonene	Monoterpene
11	12.16	0.03%	1,8-Cineole	Monoterpene Ether
12	14.43	0.04%	meta-Cymenene	Monoterpene
13	14.60	0.02%	Terpinolene	Monoterpene
14	14.82	0.07%	para-Cymenene	Monoterpene
15	16.12	0.01%	Fenchol	Monoterpenol
16	16.46	0.02%	alpha-Campholene aldehyde	Monoterpene Aldehyde
17	16.92	0.03%	13.40 Nonen-1-al<2Z->	0.00
18	17.06	0.09%	trans-Pinocarveol	Monoterpenol
19	17.95	0.04%	Pinocamphone	Monoterpene Ketone
20	18.04	0.01%	Pinocarvone	Monoterpene Ketone
21	18.52	0.09%	Borneol	Monoterpenol
22	18.65	0.02%	Isopinocamphone	Monoterpene Ketone
23	18.93	0.02%	Terpinen-4-ol	Monoterpenol
24	19.56	0.06%	Myrtenal	Monoterpene Aldehyde
25	19.63	0.21%	alpha-Terpineol	Monoterpenol
26	20.09	0.15%	Verbenone	Monoterpene Ketone
27	22.67	0.01%	trans-Myrtanol	Monoterpenol
28	24.10	0.02%	Methyl myrtenate	Monoterpene Ester
29	24.45	0.02%	Carvacrol	Monoterpenol
30	26.98	0.60%	alpha-Terpinyl acetate	Monoterpene Ester
31	27.10	0.51%	alpha-Cubebene	Sesquiterpene
32	27.82	0.07%	beta-Patchoulene	Sesquiterpene
33	28.15	1.00%	beta-Elemene	Sesquiterpene
34	29.03	0.19%	Sativene	Sesquiterpene
35	29.31	0.07%	beta-Caryophyllene	Sesquiterpene

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Number	RT	Area %	Compound Name	Chemical Family
36	29.91	0.02%	Thujopsene	Sesquiterpene
37	30.03	0.45%	alpha-Guaiene	Sesquiterpene
38	30.43	0.04%	beta-Barbatene	Sesquiterpene
39	30.52	0.02%	trans-Muurola-3,5-diene	Sesquiterpene
40	30.78	0.13%	alpha-Humulene	Sesquiterpene
41	31.52	2.61%	gamma-Selinene	Sesquiterpene
42	32.02	1.37%	Germacrene D	Sesquiterpene
43	32.16	2.93%	beta-Selinene	Sesquiterpene
44	32.47	2.35%	alpha-Selinene	Sesquiterpene
45	32.72	0.75%	Valencene	Sesquiterpene
46	32.93	0.02%	4-epi-cisDihydroagarofuran	Sesquiterpene Ether
47	33.12	0.02%	28.51 Guaiene<cis-beta->	0.00
48	33.64	0.01%	Kessane	Sesquiterpene Ether
49	34.04	0.19%	delta-Guaiene	Sesquiterpene
50	34.24	0.19%	Selina-3,7(11)-diene	Sesquiterpene
51	34.58	1.68%	Elemol	Sesquiterpenol
52	35.00	0.31%	Germacrene B	Sesquiterpene
53	35.52	0.18%	Maaliol	Sesquiterpenol
54	35.96	0.04%	Spathulenol	Sesquiterpenol
55	36.27	0.10%	Gleenol	Sesquiterpenol
56	36.50	13.07%	Guaiol	Sesquiterpenol
57	36.98	0.24%	Rosifoliol	Sesquiterpenol
58	37.16	0.32%	Globulol	Sesquiterpenol
59	37.30	0.09%	10-epi-gamma-Eudesmol	Sesquiterpenol
60	37.77	9.20%	gamma-Eudesmol	Sesquiterpenol
61	38.02	0.23%	Hinesol	Sesquiterpenol
62	38.64	13.77%	alpha-Eudesmol	Sesquiterpenol
63	38.81	0.86%	allo-Aromadendrene epoxide	Sesquiterpene Ester
64	39.03	10.36%	Bulnesol	Sesquiterpenol
65	39.77	0.20%	epi-Zizanone	Sesquiterpene Ketone
66	40.06	0.51%	alpha-Bisabolol	Sesquiterpenol
67	41.18	0.02%	Chamazulene	Azulene
68	41.81	2.87%	gamma-Costol	Sesquiterpenol
69	42.02	0.58%	UK	
70	42.62	1.96%	beta-Costol	Sesquiterpenol

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72	44.35	1.64%	Guaiazulene	Azulene
73	45.65	1.09%	Callitrin	esquiterpene lactone
74	47.12	10.64%	Dihydrocolumellarin	esquiterpene lactone
75	48.27	1.93%	Cembrene	Diterpene
76	48.45	0.69%	Callitrisin	esquiterpene lactone
77	48.59	1.08%	Columellarin	esquiterpene lactone
78	49.28	0.27%	Dihydrocallitrisin	esquiterpene lactone
79	49.91	0.03%	Manool oxide	Diterpene Ester

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