



FLORANANDA IND. E COM. DE COSMÉTICOS E PRODUTOS NATURAIS LTDA ME
Rua Elias Bichara Tabbal, 736. Jd. América - Jaú, SP
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CERTIFICADO DE ANÁLISE

Óleo essencial de Olíbano (*Boswellia carterii*)

LOTE	240722
DATA DE VALIDADE	06/2026
DATA DE FABRICAÇÃO	06/2024
ORIGEM	ESPANHA
MÉTODO DE EXTRAÇÃO	DESTILAÇÃO À VAPOR DA RESINA DA ÁRVORE DA ESPÉCIE
RESULTADO	APROVADO

TESTE	ESPECIFICAÇÕES	RESULTADOS
ASPECTO	LÍQUIDO	OK
COR	AMARELO PÁLIDO	OK
ODOR	CARACTERÍSTICO	OK
DENSIDADE (20°C)	0.855 - 0.900	0.865
ÍNDICE DE REFRAÇÃO (20°C)	1.469 - 1.483	1.471

Armazenar em local seco, longe de umidade e do calor, protegido da luz, em recipiente original bem vedado.

Não contem OGM, nem foi utilizado para teste em animais.

Produto 100% puro, isento de solvente e diluente.

Segundo RDC 481/99, não suscetível à contaminação microbiológica.

Responsável Técnica: Gorete Vieira de Souza - CRQ 044100922

Produto certificado pelo IBD.





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Este documento apresenta uma cópia idêntica da cromatografia disponibilizada pelo fornecedor.

CROMATOGRAFIA

Óleo essencial de Olíbano (*Boswellia carterii*)
 Lote:240722

Pk #	RT Min	Compound Name	CAS#	Peak Area	Component RI	Library RI	Match Factor	% of Total
1	3.3559	Toluene	108-88-3	114376.5	825		87.69	0.12
5	6.4590	5,5-Dimethyl-1-vinylbicyclo[2.1.1]hexane	16626-39-4	127463.3	930		94.08	0.13
6	6.5838	THUJENE<ALPHA-> 6.3295	2867-05-2	5436193.6	934	926	98.98	5.51
7	6.8430	PINENE<ALPHA-> 6.6002	80-56-8	35114482.3	943	935	98.65	35.57
8	7.1587	Bicyclo[3.1.0]hex-2-ene, 4-methylene-1-(1-methylethyl)-	36262-09-6	40577.3	954		86.33	0.04
9	7.3802	CAMPHENE 7.1141	79-92-5	1110427.0	961		98.31	1.12
10	7.5027	Bicyclo[3.1.0]hex-2-ene, 4-methylene-1-(1-methylethyl)-	36262-09-6	228190.2	965		93.69	0.23
11	8.0988	PELLANDRENE<BETA-> 7.7689	555-10-2	4631377.5	986	974	98.43	4.69
12	8.2991	PINENE<BETA-> 7.9715	127-91-3	1543926.7	992		97.47	1.56
13	8.6054	MYRCENE 8.2143	123-35-3	3318908.6	1002		95.19	3.36
16	9.2039	Bicyclo[3.1.0]hex-2-ene, 4-methyl-1-(1-methylethyl)-	28634-89-1	25697.5	1018		80.20	0.03
17	9.3664	CARENE<DELTA-3-> 8.9541	13466-78-9	654622.5	1022	1011	99.10	0.66
19	10.0018	CYMENE<PARA-> 9.5457	99-87-6	7727866.6	1039	1027	99.53	7.83
20	10.1558	D-LIMONENE 9.7129	5989-27-5	13965540.8	1043	1031	99.00	14.15
22	10.2901	EUCALYPTOL 9.8351	470-82-6	194351.9	1046	1034	88.52	0.20
24	11.0817	2-Caren-4-ol	6617-35-2	110714.8	1067		83.66	0.11
25	11.9087	5-Isopropyl-2-methylbicyclo[3.1.0]hexan-2-ol	546-79-2	80730.7	1089		85.98	0.08
27	12.5944	VERBENOL<TRANS-> 12.9197	1820-09-3	137690.6	1106	1114	88.19	0.14
28	12.6815	Benzene, (2-methyl-1-propenyl)-	768-49-0	223032.9	1108		88.96	0.23
29	12.9713	Furan, 3-(4-methyl-3-pentenyl)-	539-52-6	132447.5	1115		88.45	0.13
30	13.0656	3-Oxatricyclo[4.1.1.0(2,4)]octane, 2,7,7-trimethyl-	1686-14-2	546224.1	1117		96.91	0.55
33	13.6146	VERBENOL<TRANS-> 12.9197	1820-09-3	503057.2	1130	1114	93.79	0.51
35	13.8714	THUJONE<ALPHA-> 12.7855	546-80-5	125043.4	1136	1111	91.06	0.13
38	14.1471	2-Cyclohexen-1-ol, 1-methyl-4-(1-methylethenyl)-, trans-	7212-40-0	92314.3	1143		93.21	0.09
39	14.2696	1,7,7-Trimethylbicyclo[2.2.1]hept-5-en-2-ol	1000190-98-1	114362.7	1146		88.02	0.12
40	14.4816	7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-	1195-92-2	131854.6	1150		93.96	0.13
41	14.6701	(+)-(E)-Limonene oxide	6909-30-4	69849.6	1155		91.29	0.07
42	14.8068	cis-p-Mentha-2,8-dien-1-ol	3886-78-0	96296.8	1158		93.18	0.10
43	15.0000	Bicyclo[3.1.1]heptan-3-ol, 6,6-dimethyl-2-methylene-, [1S-(1.alpha.,3.alpha.,5.alpha.)]-	547-61-5	707109.3	1163		96.78	0.72
50	16.6611	TERPINEN-4-OL 14.8799	562-74-3	460921.6	1202		93.58	0.47
51	16.9603	2-Cyclohexen-1-one, 4-(1-methylethyl)-	500-02-7	136162.5	1209		80.33	0.14
Pk #	RT Min	Compound Name	CAS#	Peak Area	Component RI	Library RI	Match Factor	% of Total
52	17.1417	Benzenemethanol, .alpha.,.alpha.,4-trimethyl-	1197-01-9	301970.9	1213		92.80	0.31
53	17.3655	TERPINEOL<ALPHA-> 15.6762	98-55-5	439875.5	1218	1223	95.52	0.45
54	17.5116	Bicyclo[3.1.1]hept-2-ene-2-methanol, 6,6-dimethyl-	515-00-4	40664.2	1221		82.53	0.04
56	17.8533	Bicyclo[3.1.1]hept-3-en-2-one, 4,6,6-trimethyl-	80-57-9	909284.4	1229		98.04	0.92
58	18.5177	2-Cyclohexen-1-ol, 2-methyl-5-(1-methylethenyl)-, cis-	1197-06-4	217012.3	1244		94.58	0.22
59	19.1232	Carveol	99-48-9	110576.9	1258		83.08	0.11
60	19.4531	L-CARVONE 18.6709	6485-40-1	316509.2	1266	1248	95.89	0.32
63	20.4450	3,5-Dimethoxytoluene	4179-19-5	80948.1	1289		85.84	0.08
66	21.1118	Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, acetate, (1S-endo)-	5655-61-8	617593.7	1304		97.99	0.63
70	22.3087	13.22 Verbenol<trans->	1820-09-3	146731.1	1332		86.78	0.15
75	23.7248	.alpha.-Cubebene	17699-14-8	168618.4	1366		93.81	0.17
76	23.8049	TERPINYL ACETATE 22.9993	80-26-2	50580.4	1367		78.57	0.05
78	24.6696	Naphthalene, 1,2,4a,5,6,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-	483-75-0	95337.2	1388		90.60	0.10
80	24.9665	Copaene	3856-25-5	1496809.2	1395		97.48	1.52
81	25.3128	(-)-.beta.-Bourbonene	5208-59-3	138141.2	1403		89.84	0.14
82	25.5720	ELEMENE BETA 22.6838	515-13-9	969398.1	1409		94.38	0.98
85	26.2930	GURJUNENE<ALPHA-> 25.6122	489-40-7	75970.6	1427	1410	86.12	0.08
87	26.8349	CARYOPHYLLENE<(E)-> 26.1165 (BETA-)	87-44-5	1605404.2	1440		97.85	1.63
90	27.3579	BERGAMOTENE<ALPHA-TRANS-> 27.3040	13474-59-4	89319.5	1453	1452	88.60	0.09
93	28.3310	HUMULENE<ALPHA-> 27.5628	6753-98-6	472937.7	1477	1458	96.68	0.48
94	28.5054	Longifolene	475-20-7	247598.4	1481		91.94	0.25



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95	29.1203	CADINENE<GAMMA-> 29.8789	39029-41-9	359597.7	1496	1515	95.22	0.36
96	29.7117	SELINENE<BETA-> 28.9693	17066-67-0	492071.9	1511	1492	97.22	0.50
100	30.6825	CADINENE<GAMMA-> 29.8789	39029-41-9	608094.4	1536	1515	97.82	0.62
101	30.8639	(3S,3aR,3bR,4S,7R,7aR)-4-Isopropyl-3,7-dimethyloctahydro-1H-cyclopenta[1,3]cyclopropa[1,2]benzen-3-ol	23445-02-5	1141865.5	1540		93.37	1.16
102	31.0359	29.69 Calamenene<trans->	73209-42-4	232731.8	1545		89.65	0.24
105	32.2187	CARYOPHYLLENE OXIDE 32.6238	1139-30-6	154493.0	1575	1586	83.06	0.16
109	33.4368	CARYOPHYLLENE OXIDE 32.6238	1139-30-6	3136689.2	1607	1586	98.66	3.18
111	33.9858	1H-Cycloprop[e]azulen-4-ol, decahydro-1,1,4,7-tetramethyl-, [1aR-(1a.alpha.,4.beta.,4a.beta.,7.alpha.,7a.beta.,7b.alpha.)]-	552-02-3	71831.9	1621		85.20	0.07
113	34.5112	(1R,3E,7E,11R)-1,5,5,8-Tetramethyl-12-oxabicyclo[9.1.0]dodeca-3,7-diene	19888-34-7	461831.5	1636		94.81	0.47
118	35.7977	CADINOL<EPI-ALPHA-> 34.8692 (TAU-CADINOL)	5937-11-1	401027.2	1670	1645	95.81	0.41
119	36.3089	EUDESMOL<ALPHA-> 35.3924	473-16-5	50582.8	1684	1659	80.26	0.05
124	41.0377	.alpha.-Phellandrene, dimer	7350-11-0	71339.9	1818		87.91	0.07
125	46.4097	(R,1E,5E,9E)-1,5,9-Trimethyl-12-(prop-1-en-2-yl)cyclotetradeca-1,5,9-triene	31570-39-5	61846.6	1981		80.36	0.06
128	52.5003	Isopropyl-1,5,9-trimethyl-15-oxabicyclo[10.2.1]pentadeca-5,9-dien-2-ol	1000412-98-4	338067.2	2181		81.11	0.34

