



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 Camomila Romana (*Anthemis nobilis*)

<b>LOTE</b>	220104
<b>DATA DE VALIDADE</b>	08/2021
<b>DATA DE FABRICAÇÃO</b>	08/2024
<b>ORIGEM</b>	FRANÇA
<b>MÉTODO DE EXTRAÇÃO</b>	DESTILAÇÃO À VAPOR DAS FLORES SECAS
<b>RESULTADO</b>	APROVADO

TESTE	ESPECIFICAÇÕES	RESULTADOS
<b>ASPECTO</b>	LÍQUIDO	OK
<b>COR</b>	AMARELO PÁLIDO	OK
<b>ODOR</b>	VÓLATIL, FRUTAL, CARACTERÍSTICA	OK
<b>DENSIDADE (20°C)</b>	0.880 – 0.920	0,900
<b>ÍNDICE DE REFRAÇÃO (20°C)</b>	1.4450 – 1.4510	1,447

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 microbológica.

Responsável Técnica: Gorete Vieira de Souza - CRQ 044100922



Produto certificado pelo IBD.

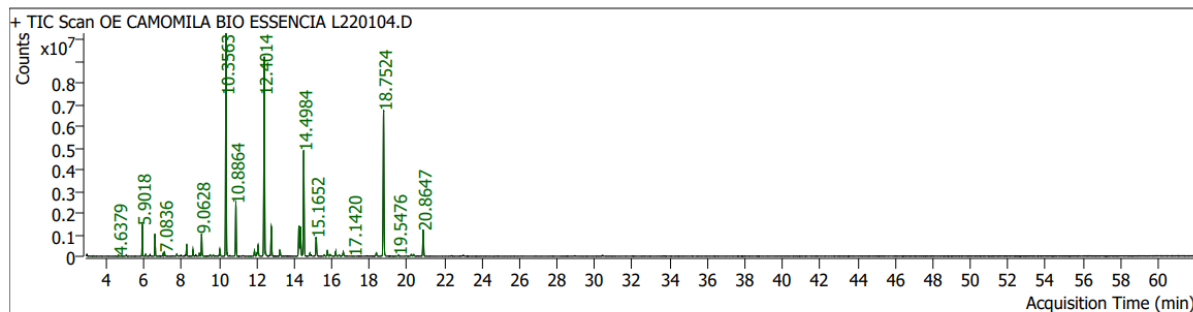


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## CROMATOGRAFIA

Óleo essencial de Camomila Romana (*Anthemis nobilis*)  
 Lote: 220104



Pk #	RT Min	Compound Name	CAS#	Peak Area	Component RI	Library RI	Match Factor	% of Total
1	2.9085	1-Pentanol	71-41-0	34973.5	810		87.38	0.02
3	3.2973	Isobutyl acetate	110-19-0	42536.7	823		92.35	0.03
4	4.0230	4.28 Methyl tiglate	6622-76-0	27068.6	848		88.75	0.02
5	4.4612	ETHYL 2-METHYL BUTYRATE 4.4713	7452-79-1	11089.8	862	863	86.32	0.01
6	4.5790	Propanoic acid, 2-methyl-, propyl ester	644-49-5	30269.5	866		94.53	0.02
7	4.6379	HEXENOL<(Z)-3-> 4.6308	928-96-1	64384.0	868	868	94.83	0.04
8	4.8264	Propanoic acid, 2-methylpropyl ester	540-42-1	35681.9	875		83.62	0.02
9	4.8853	C-06 ALCOHOL (HEXAN-1-OL) 4.4961	111-27-3	23267.7	877	926	84.84	0.02
10	5.0173	1-Butanol, 3-methyl-, acetate	123-92-2	44919.2	881		94.02	0.03
12	5.1162	2-Propenoic acid, 2-methyl-, propyl ester	2210-28-8	22769.6	885		82.25	0.02
13	5.4602	(Z)-Ethyl 2-methylbut-2-enoate	16509-44-7	20952.5	896		88.04	0.01
14	5.9018	Isobutyl isobutyrate	97-85-8	2898545.1	911	-	98.85	2.02
						14879196		
						15		
15	6.0775	2-Methylbut-2-en-1-yl acetate	33425-30-8	175004.9	917		97.07	0.12
17	6.5794	Geranyl formate	105-86-2	2476598.3	934	65683	83.59	1.73
18	6.7797	Butanoic acid, 2-methyl-, propyl ester	37064-20-3	38037.3	941		88.41	0.03
20	7.0223	.beta.-Myrcene	123-35-3	189255.4	949		83.36	0.13
21	7.0836	CAMPHENE 7.1141	79-92-5	264245.9	951	952	97.31	0.18
24	7.5713	1-Butanol, 2-methyl-, propanoate	2438-20-2	25052.1	968		86.17	0.02
25	7.7362	6.91Sabinene	3387-41-5	238084.8	973		95.12	0.17
30	8.2640	2-Butenoic acid, 2-methyl-, propyl ester, (Z)-	53082-57-8	1318966.3	991		98.13	0.92
31	8.6033	Butanoic acid, 2-methyl-, 2-methylpropyl ester	2445-67-2	660267.8	1002		99.29	0.46
33	8.9450	8.05 Isoamyl isobutyrate	2050-01-3	303630.5	1011		96.93	0.21
34	9.0628	Propanoic acid, 2-methyl-, 2-methylbutyl ester	2445-69-4	2566786.6	1014		98.55	1.79
35	9.2277	TERPINENE<ALPHA-> 8.5867	99-86-5	29860.1	1018	1042	86.90	0.02
37	9.5175	CYMENE<PARA-> 9.5457	99-87-6	193371.2	1026	1027	97.89	0.13
38	9.6824	D-LIMONENE 9.7129	5989-27-5	154187.2	1030	1031	97.01	0.11
40	10.0453	2-Propenoic acid, 2-methyl-, 3-methylbutyl ester	7336-27-8	823232.0	1040		98.49	0.57
41	10.3563	9.45 Isobutyl angelate	7779-81-9	29282116.1	1048		94.17	20.42
43	10.7686	TERPINENE<GAMMA-> 10.7991	99-85-4	52949.7	1059	1060	89.33	0.04
44	10.8864	2-Butenoic acid, 2-methyl-, 2-methyl-2-propenyl ester, (Z)-	61692-78-2	6540091.4	1062		98.39	4.56
46	11.5414	3-Methylbut-2-enoic acid, 2-methylpentyl ester	1000355-12-8	25871.2	1079		89.74	0.02
47	11.6757	Cyclopropanecarboxylic acid, 3-methylbut-2-enyl ester	1000299-37-4	28641.4	1083		80.47	0.02
48	11.8760	10.94 Butyl angelate	7785-64-0	711387.5	1088		95.20	0.50
49	12.0668	Fenchone	1195-79-5	1865012.3	1093		97.20	1.30
50	12.4014	LINALOOL 11.4768	78-70-6	28868108.5	1102	1101	98.84	20.13
52	12.7737	Thujone	546-80-5	4080887.3	1110		99.23	2.85
54	13.2378	Thujone	546-80-5	817386.4	1121		98.44	0.57



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Pk #	RT Min	Compound Name	CAS#	Peak Area	Component RI	Library RI	Match Factor	% of Total
58	14.0978	cis-3-Hexenyl butyrate	16491-36-4	32375.3	1141	946363137	83.61	0.02
59	14.2439	12.99 Pinocarveol<trans->	547-61-5	4453547.4	1145		96.91	3.11
60	14.3287	13.34 Isoamyl angelate	10482-55-0	3874755.4	1147		97.46	2.70
61	14.4984	2-Butenoic acid, 2-methyl-, 2-methylbutyl ester, (Z)-	61692-77-1	14987404.0	1151		98.21	10.45
62	14.8259	2-Butenoic acid, 2-methyl-, 2-methyl-2-propenyl ester, (Z)-	61692-78-2	312410.1	1159		86.68	0.22
64	15.1652	14.07 Pinocarvone	16812-40-1	2752420.8	1167		96.68	1.92
66	15.5987	BORNEOL 15.2026	507-70-0	185586.6	1177	1167	91.77	0.13
67	15.7660	Isobutyl 3-hydroxy-2-methylenebutanoate	80758-68-5	767053.2	1181		81.08	0.53
68	15.9121	4-Carvomenthenol; terpinene-4-ol	562-74-3	299792.2	1184	- 2116020735	94.08	0.21
69	16.1995	2-Butenoic acid, 3-methyl-, 3-methyl-2-butenyl ester	72779-06-7	609988.3	1191		90.15	0.43
70	16.3904	iso-Amyl tiglate	66917-62-2	184867.6	1195		90.99	0.13
71	16.6095	(1R)-(-)-Myrtenal	18486-69-6	604733.9	1201		95.31	0.42
72	17.1420	Tricyclo[4.4.1.0(1,6)]undecane	6571-73-9	34383.0	1213		81.48	0.02
77	18.3648	2-Hydroxy-2-methyl-but-3-enyl 2-methyl-2(Z)-butenoate	80758-67-4	539076.1	1241		91.51	0.38
78	18.7524	LINALYL ACETATE 18.7582	115-95-7	21738955.2	1250	1250	99.60	15.16
80	19.2884	18.75 Thujanol acetate<iso-3->	62181-90-2	38294.8	1262		82.93	0.03
81	19.5476	18.99 Linalool acetate<dihydro->	108597-90-6	147615.5	1268		91.38	0.10
82	19.9481	20.88 Hexenyl tiglate<3E->	120603-00-1	65927.0	1277		91.67	0.05
83	20.2285	Isopentyl 3-hydroxy-2-methylenebutanoate	80758-69-6	316084.0	1284		84.17	0.22
84	20.3557	Bornyl acetate	76-49-3	267776.9	1287		95.35	0.19
87	20.8647	BENZYL ISOBUTYRATE 20.8975	103-28-6	3983067.0	1298	1299	99.67	2.78