



LAVANDIN GROSSO OIL 98401-89

CHEMICAL COMPOSITION (GC-MS)

LOT NO. 13170

PEAK RT	COMPOUND	CONTENT (%)	SPECIFICATION
10.562	MYRCENE	0.50	0.3 – 1%
12.409	LIMONENE	1.09	0.5 – 1.5%
12.513	EUCALYPTOL	5.84	4 – 8%
13.009	CIS-BETA-OCIMENE	0.61	0.5 – 1.5%
13.564	TRANS-BETA-OCIMENE	0.28	T-1%
12.202	P-CYMENE	0.18	0 – 0.5 %
16.635	LINALOOL	28.35	24 – 37 %
19.039	CAMPHOR	7.97	6– 8.5 %
20.686	LAVENDULOL	0.69	0.2-1%
20.39	BORNEOL	3.34	1.5 - 3.5%
21.175	TERPINEN-4-OL	4.35	1.5 - 5%
22.403	HEXYL BUTYRATE	0.34	0.3 – 0.7 %
22.038	ALPHA TERPINEOL	0.94	0.3 – 1.3 %
26.407	LINALYL ACETATE	29.42	25 - 38%
28.151	LAVENDULYL ACETATE	2.51	1.5 – 3.5 %

Area Percent Report

Data Path : C:\msdchem\1\data\2025\02-13-25\
Data File : LAVANDIN_01.D
Acq On : 13 Feb 2025 22:16
Operator : SS
Sample : LAVANDIN GROSSO OIL
Misc : 13170
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: autoint1.e
Integrator: ChemStation

Method : C:\msdchem\1\methods\METHOD_7.M
Title : Eoil Qualitative

Signal : TIC: LAVANDIN_01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.162	3	14	26	BV	14948	745366	0.30%	0.087%
2	3.238	26	27	52	VV 4	7033	237821	0.09%	0.028%
3	4.640	267	272	281	BB	5435	97729	0.04%	0.011%
4	5.370	393	400	414	VB 2	10225	238719	0.09%	0.028%
5	5.720	455	461	480	VV	22818	531892	0.21%	0.062%
6	7.533	770	778	787	BB 3	3533	88425	0.04%	0.010%
7	7.739	802	814	825	BB 2	32332	913826	0.36%	0.107%
8	7.993	846	858	875	BB 2	139090	4057332	1.61%	0.475%
9	8.587	948	962	979	BB 2	78121	2405641	0.96%	0.281%
10	9.697	1143	1156	1166	VV 3	31406	991247	0.39%	0.116%
11	9.814	1166	1177	1192	VV 2	89681	3014178	1.20%	0.353%
12	9.983	1192	1206	1223	PV 2	37573	1183411	0.47%	0.138%
13	10.352	1262	1271	1282	BB 5	4362	139764	0.06%	0.016%
14	10.562	1290	1307	1326	BB 2	126492	4251094	1.69%	0.497%
15	10.832	1341	1355	1366	BB 5	4608	155441	0.06%	0.018%
16	11.158	1400	1411	1422	BB 4	9276	301537	0.12%	0.035%
17	11.443	1441	1461	1476	BB 5	15982	576602	0.23%	0.067%
18	11.734	1500	1512	1532	BB 6	18031	1029676	0.41%	0.120%
19	12.077	1568	1572	1580	VV 2	3898	95773	0.04%	0.011%
20	12.202	1580	1594	1607	VV 3	42908	1526099	0.61%	0.178%
21	12.409	1607	1630	1637	VV 3	262411	9300031	3.70%	1.088%
22	12.513	1637	1648	1673	VV 2	1306032	49931942	19.85%	5.840%
23	13.009	1711	1735	1751	BV 2	146272	5235222	2.08%	0.612%
24	13.564	1813	1832	1847	BB 2	61126	2386773	0.95%	0.279%
25	14.090	1910	1924	1939	BB 5	40571	1574579	0.63%	0.184%
26	14.526	1987	2000	2016	BV 5	28434	1080667	0.43%	0.126%
27	14.876	2049	2061	2080	BV 5	34056	1376301	0.55%	0.161%
28	15.781	2203	2220	2241	BV 7	70246	3191612	1.27%	0.373%
29	16.321	2291	2314	2315	PV 2	9874	182493	0.07%	0.021%
30	16.339	2315	2317	2333	VV 5	9572	238120	0.09%	0.028%
31	16.635	2333	2369	2394	VV	3946466	242399297	96.37%	28.350%
32	16.840	2394	2405	2418	VV 10	8864	489128	0.19%	0.057%
33	17.006	2424	2434	2435	VV 4	7368	151313	0.06%	0.018%
34	17.023	2435	2437	2463	VV 4	7004	196886	0.08%	0.023%
35	17.403	2489	2503	2535	VV 4	31218	1271519	0.51%	0.149%
36	18.025	2600	2612	2628	BV 4	5176	200911	0.08%	0.023%
37	18.316	2628	2662	2664	PV	5405	116790	0.05%	0.014%
38	18.334	2664	2666	2676	VB 4	4769	92316	0.04%	0.011%
39	18.716	2723	2732	2749	VV 8	5619	227810	0.09%	0.027%
40	19.039	2767	2789	2821	VV 2	1452578	68175767	27.10%	7.974%

41	19.643	2881	2894	2917	BV 2	24451	999684	0.40%	0.117%
42	20.390	3003	3025	3045	PV 2	615903	28605085	11.37%	3.346%
43	20.543	3045	3052	3062	VV 6	23145	950134	0.38%	0.111%
44	20.686	3062	3077	3100	VV 2	127194	5857137	2.33%	0.685%
45	21.175	3128	3162	3189	VV 2	800238	37212603	14.79%	4.352%
46	21.544	3216	3227	3229	PV 3	4246	82310	0.03%	0.010%
47	21.731	3246	3259	3277	VV 6	9271	381191	0.15%	0.045%
48	22.038	3294	3313	3334	VV 6	171286	8007468	3.18%	0.937%
49	22.235	3334	3347	3360	VV 6	4212	216245	0.09%	0.025%
50	22.403	3360	3377	3398	VV 2	64596	2922710	1.16%	0.342%
51	22.884	3448	3461	3482	BB 4	3450	145880	0.06%	0.017%
52	23.187	3499	3514	3529	BB 6	3529	151620	0.06%	0.018%
53	24.364	3706	3719	3721	BV 2	5382	111393	0.04%	0.013%
54	24.384	3721	3723	3737	VV 4	5123	103046	0.04%	0.012%
55	24.550	3737	3752	3773	VV 7	10336	431280	0.17%	0.050%
56	25.235	3862	3872	3886	VV 5	11346	478941	0.19%	0.056%
57	25.555	3913	3928	3944	VV 4	29284	1222821	0.49%	0.143%
58	26.407	4031	4076	4113	BV	4918968	251539183	100.00%	29.419%
59	27.718	4290	4306	4327	PV	11380	572557	0.23%	0.067%
60	28.151	4364	4381	4414	BV	622353	21471333	8.54%	2.511%
61	29.836	4663	4676	4689	BV 2	47269	1419517	0.56%	0.166%
62	30.782	4829	4841	4849	PV 5	3473	83712	0.03%	0.010%
63	31.136	4891	4903	4914	BV 4	48933	1384720	0.55%	0.162%
64	31.586	4966	4982	4993	PV 2	27273	824194	0.33%	0.096%
65	31.745	4993	5009	5015	PV 4	24614	761320	0.30%	0.089%
66	31.826	5015	5024	5034	VV 2	103924	3007610	1.20%	0.352%
67	32.004	5045	5055	5075	VV 3	30994	1008971	0.40%	0.118%
68	32.541	5137	5149	5157	BV 4	26851	779526	0.31%	0.091%
69	32.610	5157	5161	5181	VV 7	7263	241953	0.10%	0.028%
70	32.830	5181	5199	5203	PV 5	7251	198493	0.08%	0.023%
71	32.925	5203	5216	5242	VV 4	538455	18385053	7.31%	2.150%
72	33.156	5245	5256	5265	VV 3	19350	523007	0.21%	0.061%
73	33.247	5265	5272	5281	VV 4	4643	125256	0.05%	0.015%
74	33.385	5281	5296	5306	PV 2	23324	733935	0.29%	0.086%
75	33.491	5306	5315	5330	VV 2	49447	1368240	0.54%	0.160%
76	33.725	5347	5356	5363	BV 4	16868	425213	0.17%	0.050%
77	33.793	5363	5367	5376	VV 7	5851	145494	0.06%	0.017%
78	34.012	5393	5406	5419	BV 4	15349	455206	0.18%	0.053%
79	34.170	5419	5433	5450	PV	415251	11237375	4.47%	1.314%
80	34.311	5450	5458	5469	VV 5	8368	264621	0.11%	0.031%
81	34.429	5469	5479	5485	VV 4	27859	752601	0.30%	0.088%
82	34.507	5485	5492	5505	VB 3	28255	770676	0.31%	0.090%
83	34.861	5542	5554	5566	BV 3	234536	6748435	2.68%	0.789%
84	34.977	5566	5574	5585	VV 5	10768	296913	0.12%	0.035%
85	35.314	5619	5633	5635	BV 5	7395	182406	0.07%	0.021%
86	35.367	5635	5642	5654	VV 7	20977	657454	0.26%	0.077%
87	35.514	5661	5668	5678	BB 6	5597	130789	0.05%	0.015%
88	35.713	5682	5703	5712	BV 2	123651	5101628	2.03%	0.597%
89	35.814	5712	5721	5732	VV 2	87699	2565638	1.02%	0.300%
90	36.083	5746	5768	5787	BV 4	49942	1313904	0.52%	0.154%
91	36.596	5850	5857	5868	BB 3	3832	93272	0.04%	0.011%
92	37.595	6018	6032	6046	BV 3	29814	680785	0.27%	0.080%
93	38.187	6128	6135	6140	VV 4	4790	75436	0.03%	0.009%
94	38.577	6193	6203	6214	BV 2	65113	1115410	0.44%	0.130%
95	38.738	6226	6232	6235	BV 4	2964	33289	0.01%	0.004%
96	39.127	6279	6300	6311	BV	193042	2929918	1.16%	0.343%