



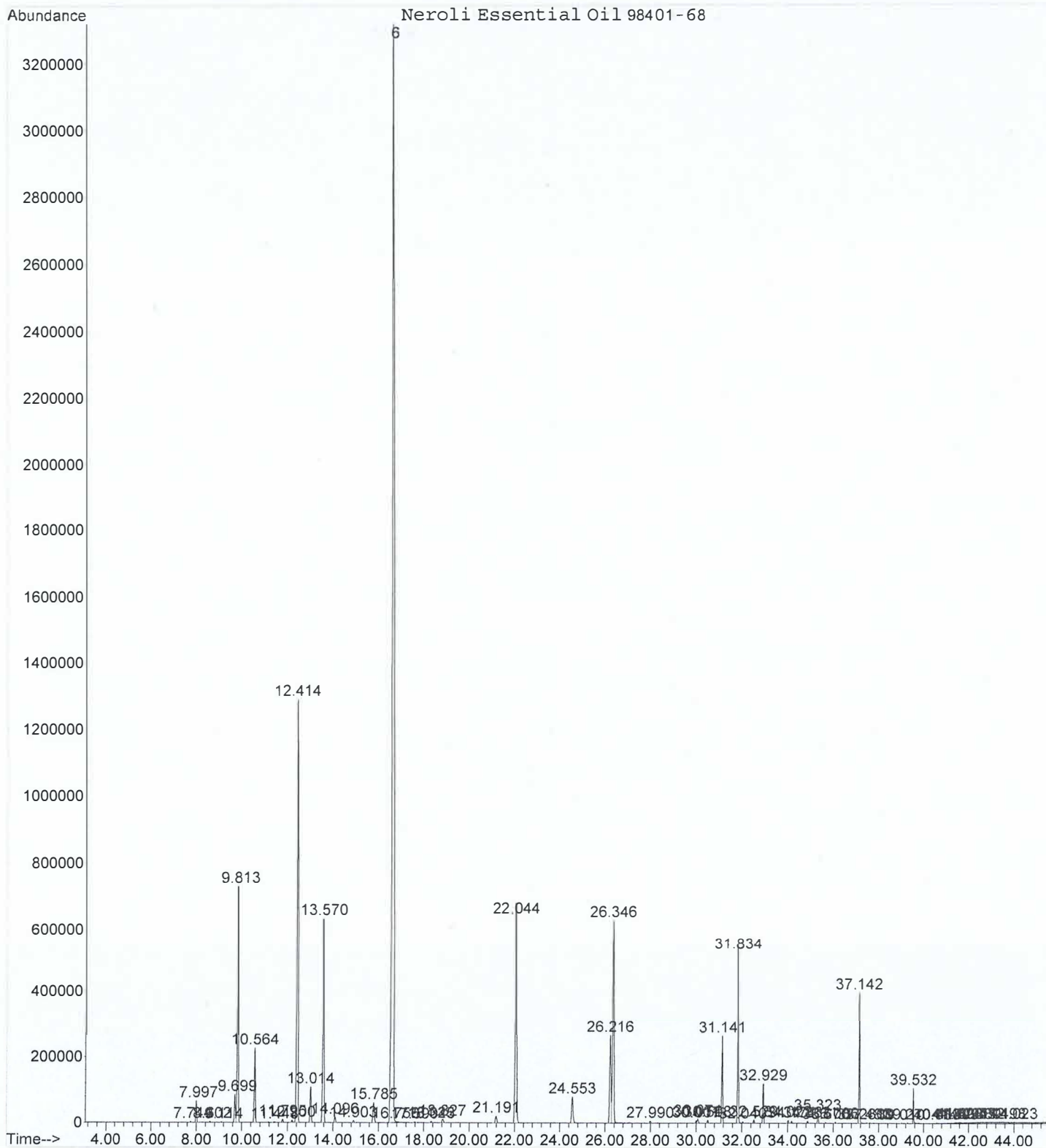
NEROLI OIL (EGYPT) 98401-68
CHEMICAL COMPOSITION (GC-MS)

LOT NO. 13170

PEAK RT	COMPOUND	CONTENT (%)	SPECIFICATION
7.997	ALPHA PINENE	0.46	MAX 2 %
9.813	BETA PINENE	5.93	2 – 8 %
9.699	SABINENE	0.64	MAX 3 %
10.564	B-MYRCENE	1.81	1 – 4 %
12.414	D-LIMONENE	11.53	7 - 17 %
13.570	TRANS BETA OCIMENE	5.63	3 – 9 %
16.620	LINALOOL	44.99	26 – 55 %
26.346	LINALYL ACETATE	6.18	3 - 20 %
22.044	ALPHA TERPINEOL	7.16	2 – 8 %
37.14	NEROLIDOL	2.21	0.5 – 5 %
31.141	NERYL ACETATE	1.80	MAX 7 %
31.834	GERANYL ACETATE	3.51	1 - 5 %
24.553	NEROL	0.89	0.5 – 2 %
26.216	GERANIOL	2.67	1 - 5 %
30.074	METHYL ANTHRANILATE	0.11	MAX 1.0 %
39.532	FARNESOL	0.41	0.5 – 4.0 %
27.990	INDOLE	0.06	MAX 0.5 %
	PHENYL ACETONITRIL		MAX 0.5 %

The composition of the oil meets the specifications of pure NEROLI OIL

File Neroli Essential Oil Item#98401-68 Lot#13170
... 60.D
Operator : DMW
Instrument : GCMS
Acquired : 21 May 2024 14:41 using AcqMethod METHOD_7.M
Sample Name: Neroli Oil Item#98401-68
Misc Info : Lot#13170



Area Percent Report

Data Path : Neroli Oil Item#98401-68
Data File : Lot#13170 21 May 2024 14:41
Acq On : DMW
Operator : Neroli Oil Item#98401-68
Sample : Lot#13170
Misc : 17 Sample Multiplier: 1
ALS Vial :

Integration Parameters: autoint1.e
Integrator: ChemStation

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

Signal : TIC: Neroli Oil Item#98401-68 Lot#13170

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.744	804	815	823	BB 3	3080	77340	0.04%	0.019%
2	7.997	844	859	873	BB	65506	1868843	1.02%	0.458%
3	8.602	954	965	972	BB 5	2815	82535	0.04%	0.020%
4	9.114	1041	1054	1062	BB 2	1735	54448	0.03%	0.013%
5	9.699	1136	1157	1165	BV 3	84009	2624044	1.43%	0.643%
6	9.813	1165	1177	1194	VV	725029	24216374	13.19%	5.934%
7	10.564	1291	1308	1329	BV	226602	7370316	4.01%	1.806%
8	11.448	1439	1462	1471	BB 4	1751	65640	0.04%	0.016%
9	11.795	1504	1523	1533	BB 6	10313	345169	0.19%	0.085%
10	12.200	1578	1594	1607	BV 3	6765	222607	0.12%	0.055%
11	12.414	1607	1631	1651	PV	1284839	47042386	25.62%	11.528%
12	13.014	1714	1736	1751	BB 3	108558	3870856	2.11%	0.949%
13	13.570	1810	1833	1853	BV	626947	22974489	12.51%	5.630%
14	14.096	1907	1925	1940	BB 3	17386	651720	0.35%	0.160%
15	14.903	2049	2066	2081	BV 5	6869	232837	0.13%	0.057%
16	15.785	2197	2220	2242	BB 4	61379	2614119	1.42%	0.641%
17	16.620	2333	2366	2389	PV	3311308	183593308	100.00%	44.991%
18	16.756	2389	2390	2403	VB 6	2268	54544	0.03%	0.013%
19	17.590	2521	2536	2551	PV 3	2437	96722	0.05%	0.024%
20	18.325	2647	2664	2666	BV 3	4267	98503	0.05%	0.024%
21	18.343	2666	2667	2678	VB 2	3795	59160	0.03%	0.014%
22	18.827	2734	2752	2773	PB 4	11031	499751	0.27%	0.122%
23	21.191	3135	3165	3180	BV 5	21157	915445	0.50%	0.224%
24	22.044	3290	3314	3352	BV 3	633705	29228805	15.92%	7.163%
25	24.553	3732	3753	3781	BV 5	78925	3642500	1.98%	0.893%
26	26.216	4020	4043	4054	BV 2	265681	10875905	5.92%	2.665%
27	26.346	4054	4066	4091	VV 3	623004	25201820	13.73%	6.176%
28	27.990	4336	4353	4365	BV 3	6498	222633	0.12%	0.055%
29	30.001	4691	4705	4706	PV 3	8000	156553	0.09%	0.038%
30	30.017	4706	4708	4710	VV 3	7349	85033	0.05%	0.021%
31	30.074	4710	4717	4733	VV 3	12957	457823	0.25%	0.112%
32	30.508	4779	4793	4805	BB 4	9617	277419	0.15%	0.068%
33	31.141	4887	4904	4924	BV 2	263713	7350452	4.00%	1.801%
34	31.834	5007	5025	5040	BV	521664	14309232	7.79%	3.507%
35	32.040	5048	5061	5072	VV 3	4790	147019	0.08%	0.036%
36	32.529	5133	5146	5162	BV 6	10006	284436	0.15%	0.070%
37	32.929	5200	5216	5235	BV 4	118495	3456392	1.88%	0.847%
38	34.022	5391	5407	5423	BV 5	9478	259049	0.14%	0.063%
39	34.174	5423	5434	5442	PV 4	7134	168789	0.09%	0.041%
40	34.863	5537	5554	5562	BV 4	7022	171880	0.09%	0.042%

41	35.323	5619	5635	5647	PV	4	29823	837850	0.46%	0.205%
42	35.670	5685	5695	5703	BV	2	3011	68061	0.04%	0.017%
43	36.086	5754	5768	5779	BV	4	4507	91039	0.05%	0.022%
44	37.142	5936	5953	5967	BV		394741	9005090	4.90%	2.207%
45	37.230	5967	5968	5972	VV	2	2509	39953	0.02%	0.010%
46	37.483	6003	6012	6020	VV	2	2097	42600	0.02%	0.010%
47	37.610	6027	6034	6042	VB	3	2352	57374	0.03%	0.014%
48	39.010	6269	6279	6284	BV	2	1795	24266	0.01%	0.006%
49	39.270	6315	6325	6331	BV	3	2164	42216	0.02%	0.010%
50	39.532	6356	6370	6390	BV	2	103415	1662625	0.91%	0.407%
51	40.589	6549	6555	6559	BV	2	2411	30039	0.02%	0.007%
52	41.393	6691	6696	6697	VV	3	1579	20028	0.01%	0.005%
53	41.409	6697	6698	6706	VV	5	1901	39432	0.02%	0.010%
54	41.474	6706	6710	6712	VV	3	2316	31886	0.02%	0.008%
55	41.593	6728	6731	6737	VV	4	2624	51577	0.03%	0.013%
56	41.638	6737	6738	6741	VV	2	2266	17586	0.01%	0.004%
57	42.211	6836	6839	6843	PV	3	1583	11961	0.01%	0.003%
58	42.389	6867	6870	6871	VV	3	1729	15097	0.01%	0.004%
59	42.552	6896	6898	6900	VV	2	1856	13738	0.01%	0.003%
60	43.498	7059	7064	7070	PV	6	1877	33626	0.02%	0.008%
61	44.023	7154	7155	7157	VV	2	1409	7487	0.00%	0.002%

Sum of corrected areas: 408070426