



Peppermint Supreme Oil (MENTHA PIPERITA) 98401-26

CHEMICAL COMPOSITION (GC-MS)

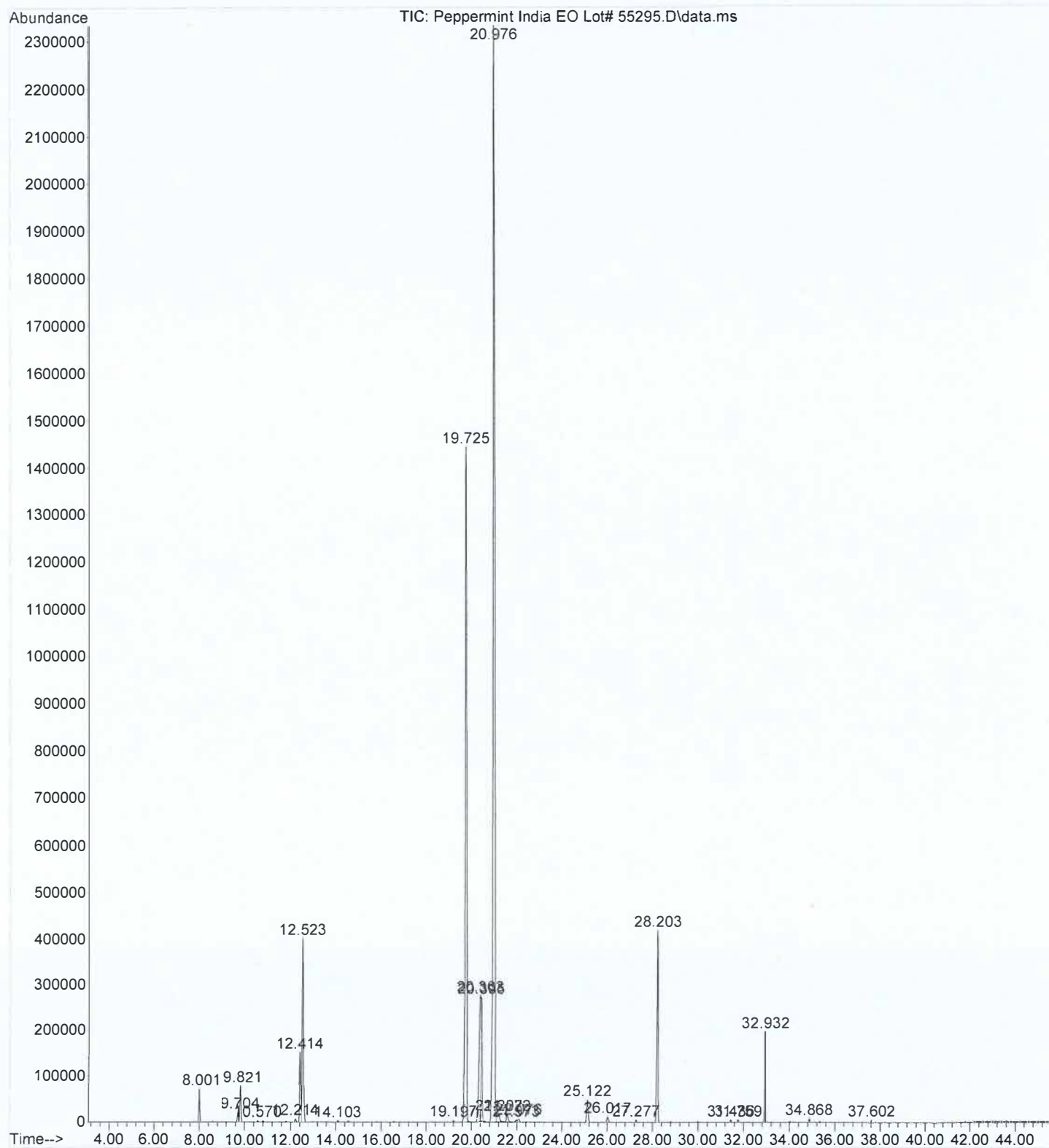
LOT NO. 13156

PEAK RT	COMPOUND	CONTENT (%)	SPECIFICATION
8.001	ALPHA PINENE	0.77	0.6 – 1.6 %
9.821	BETA PINENE	0.97	0.7 – 1.7 %
12.414	LIMONENE	1.99	1 – 4 %
12.523	CINEOLE	5.79	2.5 - 7 %
19.725	MENTHONE	25.03	17 – 28 %
20.363	MENTHOFURAN	4.69	➤ 1 %
20.395	ISO MENTHONE	4.35	3 – 9 %
20.976	MENTHOL	45.80	36 – 46 %
25.12	PULEGONE	0.81	< 2 %
28.203	MENTHYL ACETATE	5.527	2.5 - 8 %

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

Dated 11/22/24

File :C:\msdchem\1\data\2024\05-07-24\Peppermint India EO Lot#13156
... 95.D
Operator : DMW
Instrument : GCMS
Acquired : 7 May 2024 18:20 using AcqMethod METHOD_7.M
Sample Name: Peppermint India EO Lot# 13156
Misc Info :



Area Percent Report

Data Path : C:\msdchem\1\data\2024\05-07-24
Data File : \Peppermint India EO Lot#13156
Acq On : 7 May 2024 18:20
Operator : DMW
Sample : Peppermint India EO Lot#13156
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration Parameters: autoint1.e
Integrator: ChemStation

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

Signal : TIC: Peppermint India EO Lot# 13156.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.743	805	815	823	BB 3	1932	42547	0.03%	0.016%
2	8.001	846	860	873	BB 2	70974	2067042	1.68%	0.769%
3	8.588	954	962	973	BB 2	2594	45600	0.04%	0.017%
4	9.704	1141	1157	1166	BV 2	20909	640904	0.52%	0.238%
5	9.821	1166	1178	1194	VV 2	78713	2597077	2.11%	0.966%
6	10.570	1294	1309	1321	BB 4	3414	98323	0.08%	0.037%
7	10.807	1342	1350	1361	PB 5	2485	81023	0.07%	0.030%
8	11.796	1510	1523	1532	BB 4	1947	53831	0.04%	0.020%
9	12.214	1575	1596	1607	BB 3	7072	245780	0.20%	0.091%
10	12.414	1613	1631	1640	BV 2	151130	5348777	4.34%	1.989%
11	12.523	1640	1650	1675	VB 2	401569	15573277	12.65%	5.792%
12	14.103	1912	1926	1935	BV 4	3528	113390	0.09%	0.042%
13	14.560	1994	2006	2017	BB 4	2577	76954	0.06%	0.029%
14	16.571	2342	2358	2365	BB 2	1936	59541	0.05%	0.022%
15	19.197	2796	2816	2828	BB 5	3333	112169	0.09%	0.042%
16	19.725	2883	2909	2939	BV	1448234	67309650	54.66%	25.032%
17	20.363	2991	3020	3023	VV 5	274203	12596760	10.23%	4.685%
18	20.395	3023	3026	3054	VV 6	269996	11691444	9.49%	4.348%
19	20.976	3098	3127	3149	VV 2	2325325	123150001	100.00%	45.799%
20	21.202	3149	3167	3188	VV 2	16527	1375330	1.12%	0.511%
21	21.572	3216	3232	3254	VV 8	16233	866032	0.70%	0.322%
22	21.973	3287	3302	3308	VV 7	4963	209850	0.17%	0.078%
23	22.076	3308	3320	3347	VB 6	8614	416311	0.34%	0.155%
24	25.122	3819	3852	3878	BB 3	47934	2167162	1.76%	0.806%
25	26.017	3991	4008	4025	BV 6	11710	478261	0.39%	0.178%
26	27.277	4212	4229	4240	BV 2	5395	162854	0.13%	0.061%
27	28.203	4369	4390	4416	BV 2	414040	14593270	11.85%	5.427%
28	28.802	4492	4495	4504	VB 4	2217	46113	0.04%	0.017%
29	29.972	4687	4700	4709	BB 4	2030	59032	0.05%	0.022%
30	31.436	4942	4956	4966	BV 3	5244	139996	0.11%	0.052%
31	31.759	4996	5012	5021	BV 4	6164	181416	0.15%	0.067%
32	32.932	5204	5217	5237	PV 3	195685	5851131	4.75%	2.176%
33	34.021	5394	5407	5416	BV 4	2555	61723	0.05%	0.023%
34	34.868	5539	5555	5564	BB 4	8153	218172	0.18%	0.081%
35	35.315	5626	5633	5638	PV 4	2321	44149	0.04%	0.016%
36	37.602	6016	6033	6041	BB 4	6500	115748	0.09%	0.043%

Sum of corrected areas: 268890639