

CERTIFICATE OF ANALYSIS

Product Name : <i>Eucalyptus Oil / Nilgiri Essential Oil</i>	Batch No. : For Reference
Botanical Name : <i>Eucalyptus globulus</i>	Batch No. : For Reference
Self Validity : 3 Years	Method of Extraction: For Reference

S.No.	Parameter	Reference Range	Result
1	Color/ Appearance	Clear to pale yellow color	comply
2	Odor	Woody Earthy aroma	comply
3	Specific Gravity at 20° C	0.9050 - 0.9250 @ 25 DC	0.9060 at 20 C
4	Refractive Index at 20° C	1.4580 - 1.4700 @ 25 DC	1.4613 at 20 C
5	Optical Rotation at 20° C		5.44°

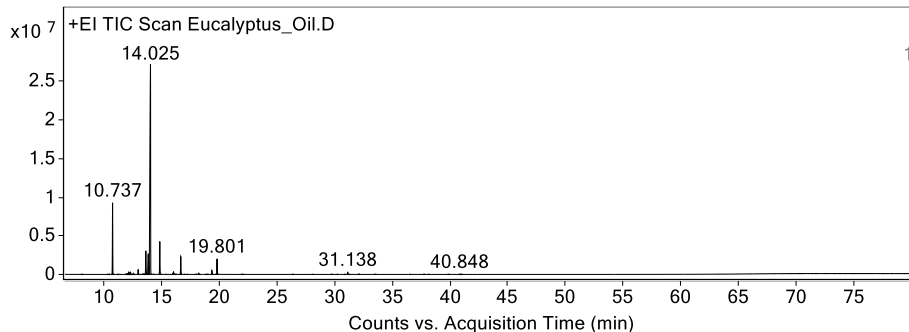
GCMS REPORT

Fragmentor Voltage

Collision Energy 0

Ionization Mode

EI



Sample Name – Eucalyptus Globulus Oil

Integration Peak List

Peak	RT	AreaSumPercent	Name
1	8.05	0.04	Dimethylhexynediol
2	10.294	0.02	1-Vinyl-5,5-dimethyl[2.1.1]bicyclohexane
3	10.434	0.06	α-Thujene
4	10.737	10.75	α-Pinene
5	11.163	0.01	Fenchene
6	11.244	0.04	Camphene

7	11.926	0.13	Isocamphane
8	12.031	0.12	trans-p-Menthane
9	12.142	0.35	(-)- β -Pinene
10	12.194	0.19	endo-Isocamphane
11	12.293	0.4	Myrcene
12	12.387	0.05	Phenylacetic acid, dodec-9-ynyl ester
13	12.55	0.2	Ethanone, 1-(1-methylcyclohexyl)-
14	12.958	0.77	α -Phellandrene
15	13.372	0.14	α -Terpinene
16	13.506	0.09	m-Cymene
17	13.622	4.61	p-Cymene
18	13.826	5.64	D-Limonene
19	14.025	61.65	1,8-Cineole
20	14.287	0.02	: β -Ocimene
21	14.835	5.38	γ -Terpinene
22	15.371	0.02	p-Menth-1-en-9-al
23	15.954	0.2	Terpinolene
24	16.03	0.46	Fenchone
25	16.152	0.06	Linalool
26	16.28	0.02	Isoamyl valerianate
27	16.653	3.12	(+)-2-Bornanone
28	16.962	0.02	Fenchol
29	17.195	0.02	Camphor
30	17.988	0.09	L-Pinocarveol
31	18.215	0.25	1,6-Dihydrocarvone
32	18.909	0.08	Santolina alcohol
33	18.979	0.03	endo-Borneol
34	19.352	0.76	Terpinen-4-ol
35	19.655	0.01	Isocarveol
36	19.801	2.82	α -Terpineol
37	21.911	0.07	cis-Geraniol
38	26.376	0.05	Isolimonene
39	28.078	0.02	α -Cubebene
40	29.75	0.09	. α -Gurjunene
41	30.252	0.03	Caryophyllene
42	30.87	0.03	β -Gurjunene
43	31.138	0.55	Aromandendrene
44	31.272	0.02	Selina-5,11-diene
45	32.117	0.12	Alloaromadendrene
46	33.516	0.07	.(+)-Ledene
47	36.512	0.02	Acoradiene
48	37.759	0.08	.($\pm$)-Valencene
49	38.173	0.02	α -Bulnesene
50	39.857	0.04	β -Maaliene
51	40.848	0.08	β -Selinenol
52	40.959	0.08	α -Eudesmol