



Healing Body, Mind, and Spirit
with Pure Essential Oils Since 1995

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Certificate of Analysis: Eucalyptus Smithii Essential Oil, South Africa.

Batch No: SA-B408001

Analysis date: 2015-08-10

Internal code: 15G22-NGA2-1-AS

Method: PC-PA-001-15E06, "Analysis of the composition of a liquid essential oil by GC-FID" (in French).

IDENTIFIED COMPOUNDS

Identification	Colonne: BP5			Colonne: WAX			Molecular Class
	R.T.	R.I.	%	%	R.I.	R.T.	
α -Thujene	2.71	920	0.07	0.08	993	1.10	Monoterpene
α -Pinene	2.82	927	7.19	7.19	984	1.06	Monoterpene
Camphene	3.06	942	0.05	0.03	1022	1.33	Monoterpene
β -Pinene	3.52	971	0.45	0.46	1061	1.67	Monoterpene
Myrcene	3.83	991	0.62	0.59	1134	2.44	Monoterpene
α -Phellandrene	4.07	1005	0.53	0.52	1124	2.32	Monoterpene
α -Terpinene	4.25	1016	0.06	0.04	1138	2.49	Monoterpene
1,8-Cineole	4.63*	1037	85.66	83.70	1173	2.93	Monoterp. ether
para-Cymene	4.63*	1037	[85.66]	2.00	1228	3.68	Monoterpene
cis- β -Terpinene	4.69	1041	0.04	0.69	1205	3.34*	Monoterpene
trans- β -Ocimene	4.85	1050	0.02	0.03	1220	3.55	Monoterpene
γ -Terpinene	5.01	1059	0.61	[0.69]	1205	3.34*	Monoterpene
Terpinolene	5.45	1085	0.14	0.14	1238	3.82	Monoterpene
Linalool	5.92	1109	0.16	0.15	1517	8.85	Monoterp. alcohol
1-Terpineol	6.58	1139	0.06	0.07	1533	9.36	Monoterp. alcohol
δ -Terpineol	7.40	1177	0.13	0.13	1618	12.43	Monoterp. alcohol
Terpinen-4-ol	7.53	1183	0.48	0.40	1545	9.78	Monoterp. alcohol
α -Terpineol	8.11	1205	2.36	2.33	1642	13.57	Monoterp. alcohol
γ -Terpineol	8.29	1210	0.02	0.04	1647	13.79	Monoterp. alcohol
Geraniol	10.03	1257	0.23	0.26	1805	22.85	Monoterp. alcohol
Total identified			98.88%	98.85%			

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken account in the identified total

Note: no correction factor was applied

OTHER DATA

Physical aspect: Clear liquid

Refractive index: 1.4610 \pm 0.0003 (20 °C)

CONCLUSION

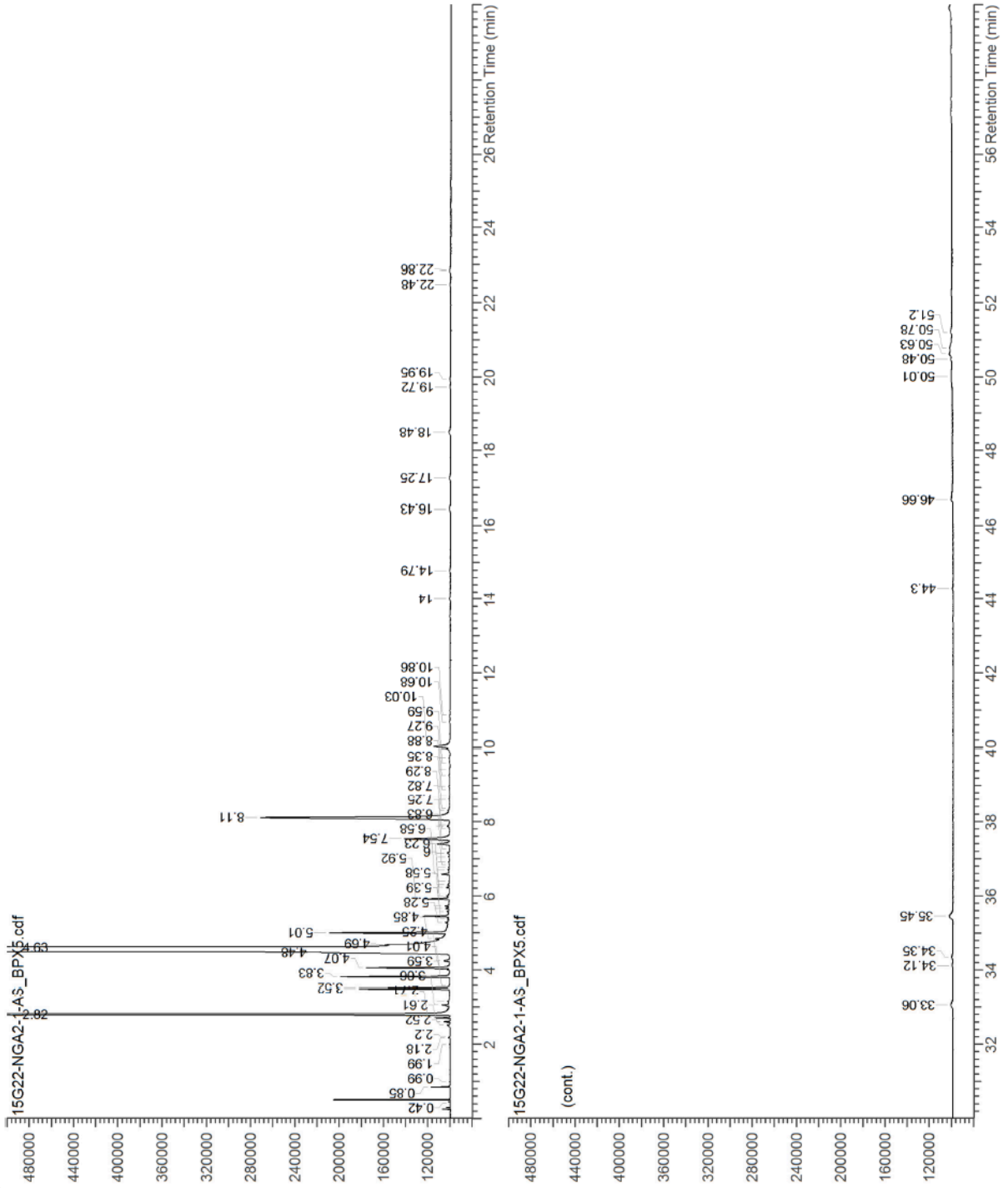
No adulterant, contaminant or dilutant were detected using this method.

316 Old Hickory Blvd East, Madison TN 37115
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orderdesk@naturesgift.com



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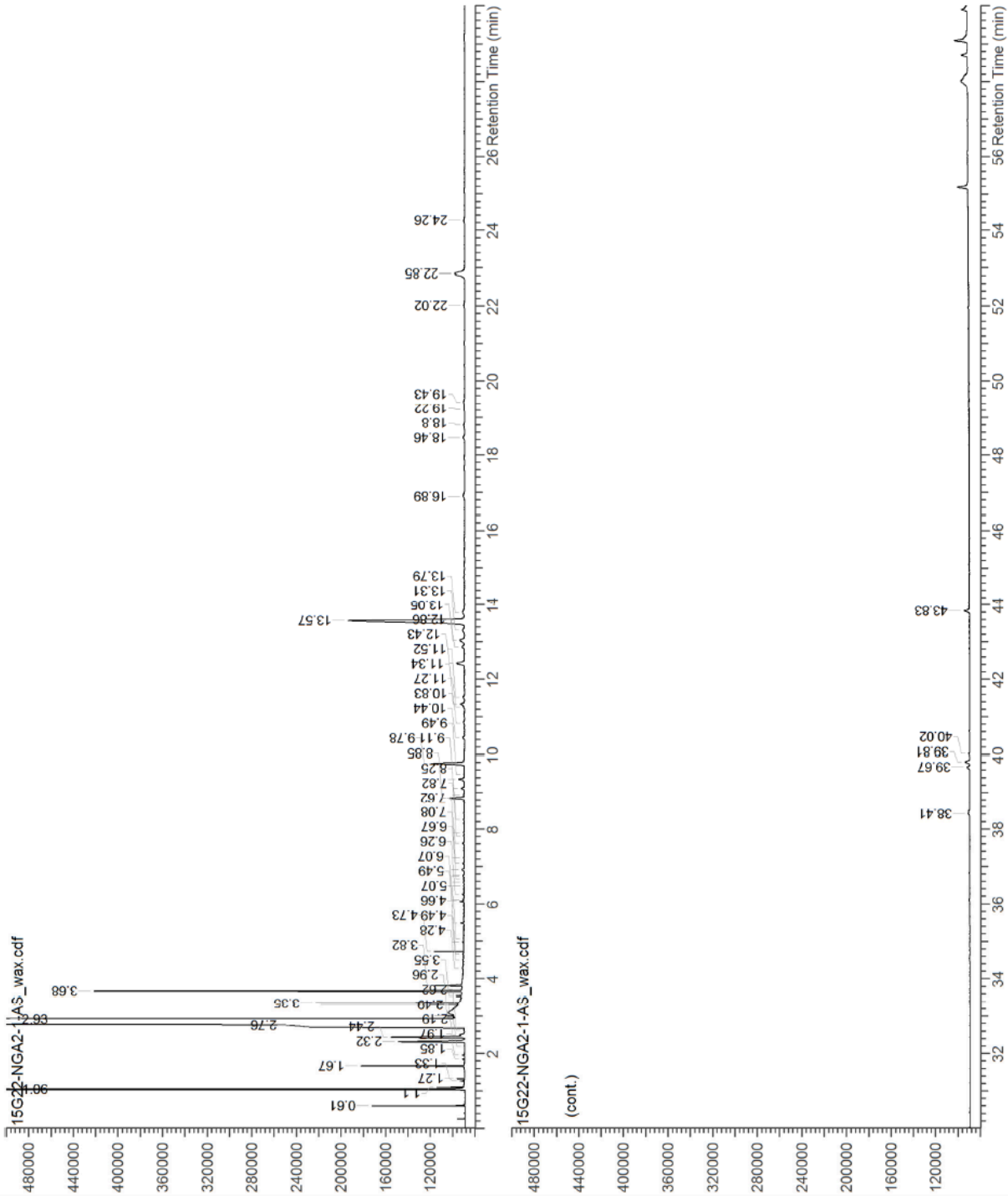
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