



Appalachian Valley
Natural Products
Anatolian Treasures

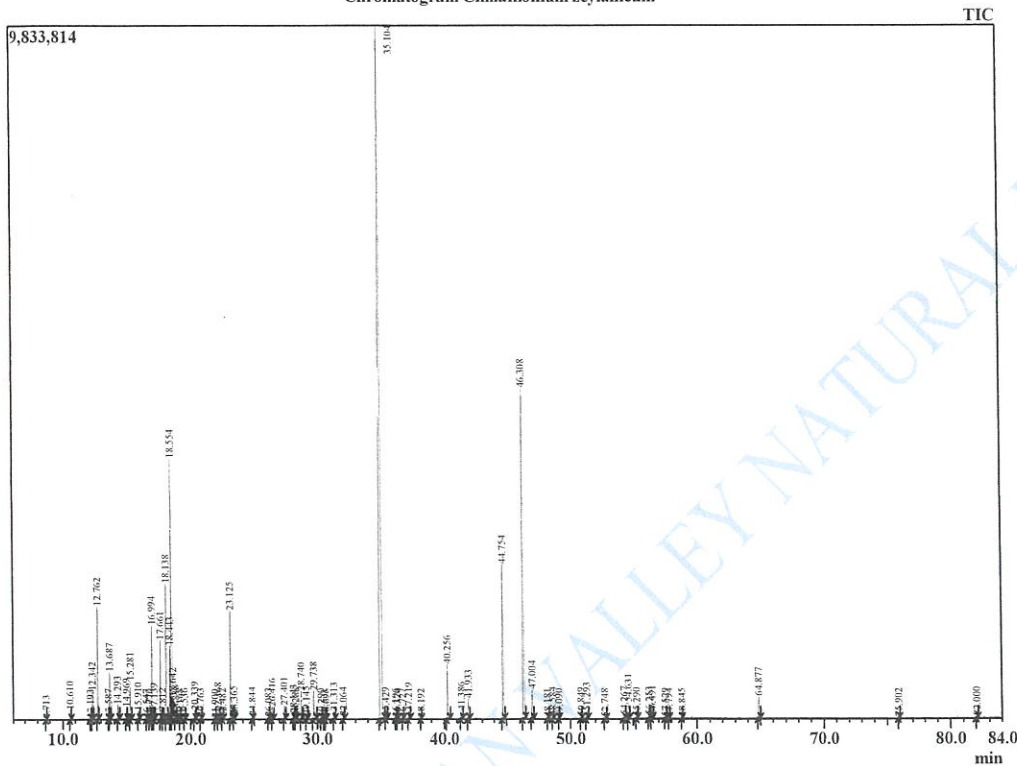
Cinnamon Bark
(*Cinnamomum zeylanicum*)
LOT# MAZ6-ZY
Country: Madagascar

260 Maple St. PO Box 515
Friendsville MD 21531
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Sample Information

Sample Type : Essential Oil
Sample Name : Cinnamomum zeylanicum
Injection Volume : 0.10

Chromatogram Cinnamomum zeylanicum



Peak Report TIC

R. Time	Name	Area%
8.713	Ethyl 2-methylbutyrate	0.01
10.610	Styrene	0.21
12.193	Tricyclene	0.02
12.342	alpha-Thujene	0.67
12.762	alpha-Pinene	2.78
13.587	alpha-Fenchene	0.03
13.687	Camphene	1.20
14.293	Benzaldehyde	0.37
14.969	Sabinene	0.30
15.281	beta-Pinene	0.99
15.910	Myrcene	0.21
16.547	2-Carene	0.02
16.770	Octanal	0.03
16.994	alpha-Phellandrene	2.60
17.139	delta-3-Carene	0.18
17.661	alpha-Terpinene	2.15
17.812	ortho-Cymene	0.05
18.138	para-Cymene	3.90
18.443	Limonene	2.14
18.554	beta-Phellandrene	7.97
18.642	1,8-cineole	0.14
18.838	cis-beta-Ocimene	0.12
19.168	Butyl 2-methylbutyrate	0.03
19.536	trans-beta-Ocimene	0.05
20.339	gamma-Terpinene	0.25
20.763	Acetophenone	0.06
21.900	Terpinolene isomer	0.02
22.168	Terpinolene	0.24
22.482	para-Cymenene	0.05
23.125	Linalool	3.17
23.365	2-Methylbutyl-2-methylbutyrate	0.12
24.844	cis-para-Menth-2-en-1-ol	0.08
26.083	trans-para-Menth-2-en-1-ol	0.07
26.416	Camphor	0.37
27.401	Hydrocinnamaldehyde	0.42
28.143	Borneol	0.16
28.288	2-Methyl benzofuran	0.08
28.740	Terpinen-4-ol	0.88
29.145	Cryptone	0.11
29.738	alpha-Terpineol	0.98
30.290	alpha-Phellandrene epoxide	0.05
30.531	Decanal	0.04
30.696	Unidentified	0.03
31.313	(Z)-Cinnamaldehyde	0.26
32.064	Hydrocinnamyl alcohol	0.09
35.104	(E)-Cinnamaldehyde	41.62
35.429	Phellandral	0.08
36.196	Safrole	0.04
36.324	Unidentified	0.03
36.727	Carvacrol	0.03
37.219	(E)-Cinnamyl alcohol	0.26
38.192	Unidentified	0.04
40.256	Eugenol	1.82
41.386	Hydrocinnamyl acetate	0.27
41.933	alpha-Copaene	0.69
44.754	trans-beta-Caryophyllene	5.51

R Time	Name	Area%
46.308	(E)-Cinnamyl acetate	12.56
47.004	alpha-Humulene	1.00
48.181	Unidentified	0.03
48.584	Ar-Curcumene	0.07
49.090	Unidentified	0.02
50.849	delta-Cadinene	0.07
51.293	ortho-Methoxycinnamaldehyde	0.25
52.748	Unidentified	0.04
54.267	Caryophyllene alcohol	0.12
54.631	Caryophyllene oxide	0.59
55.290	Unidentified	0.06
56.253	Humulene epoxide II	0.09
56.491	Tetradecanal	0.13
57.529	Unidentified	0.03
57.794	Unidentified	0.02
58.845	14-Hydroxy-9-epi-Z-Caryophyllene	0.03
64.877	Benzyl benzoate	0.76
75.902	Phellandrene dimer	0.03
82.000	Unidentified	0.06
		100.00