

**Appalachian Valley Natural Products**

(301)746-4630

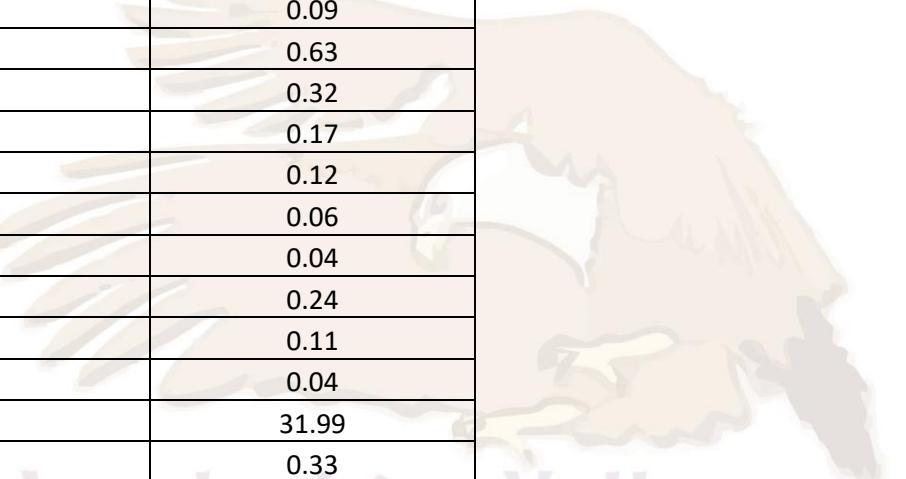
260 Maple Street

Friendsville, MD 21531

[www.AV-AT.com](http://www.AV-AT.com)

John@AV-AT.com

<b>Certificate of Analysis:</b>	
<b>Oil Name:</b>	Helichrysum
<b>Botanical Name:</b>	( <i>Helichrysum italicum</i> )
<b>Lot Number:</b>	COH17-HY
<b>Country:</b>	Corsica
Name:	Area%
2-Methyl 3-pentanone	0.03
2-Methyl-2-heptene	0.07
4-Methyl 3-hexanone	0.05
alpha-Pinene	14.61
alpha-Fenchene	0.14
Camphene	0.07
beta-Pinene	0.21
Myrcene	0.03
Isobutyl 2-methylbutyrate	0.04
alpha-Terpinene	0.12
para-Cymene	0.11
Limonene	1.38
1,8-Cineole	0.26
Isobutyl angelate	0.88
gamma-Terpinene	0.25
Terpinolene	0.11
Isobutyl tiglate	0.31
Linalool	0.37
2-Methylbutyl-2-methylbutyrate	0.09
Isoamyl tiglate	0.63
Italidione	0.32
alpha-Terpineol	0.17
Nerol	0.12
Linalyl acetate	0.06
Unidentified	0.04
Hexyl angelate	0.24
alpha-Terpinal acetate	0.11
alpha-Cubebene	0.04
Neryl acetate	31.99
Isoleadene	0.33
alpha-Copaene	1.47
Isoitalicene	0.69
beta-Cubebene	0.06



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beta-Elemene	0.11
Italicene	2.42
Italicene isomer	0.08
cis-alpha-Bergamotene	0.61
beta-Caryophyllene	8.85
gamma-Elemene	0.05
Italidione	1.13
trans-alpha-Bergamotene	1.37
6,9-Guaiadiene	0.14
Neryl propionate	0.39
trans-beta-Farnesene	0.13
alpha-Humulene	1.03
Alloaromadendrene	0.21
alpha-Acoradiene	0.21
Unidentified	0.06
beta-Acoradiene	0.15
4,5-di-epi-Aristolochene	0.03
Italidione	2.02
gamma-Curcumene	12.47
Ar-Curcumene	2.17
Farnesene isomer	0.47
beta-Selinene	4.26
trans-Murrola-4(14),5-diene	0.15
alpha-Selinene	2.39
alpha-Murolene	0.18
Unidentified	0.19
beta-Bisabolene	0.21
beta-Curcumene	0.41
gamma-Cadinene	0.29
delta-Cadinene	0.67
Zonarene	0.08
trans-gamma-Bisabolene	0.04
trans-Cadine-1,4-diene	0.05
Unidentified	0.09
alpha-Cadinene	0.04
Unidentified	0.13
Germacrene B	0.12
trans-Nerolidol	0.06
Italidione	0.07
Italidione	0.12
Caryophyllene alcohol	0.04

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Caryophyllene oxide	0.15
Guaiol	0.07
Unidentified	0.16
Rosifoliol	0.11
tau-Cadinol	0.07
Unidentified	0.16
Unidentified	0.14
Unidentified	0.04

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