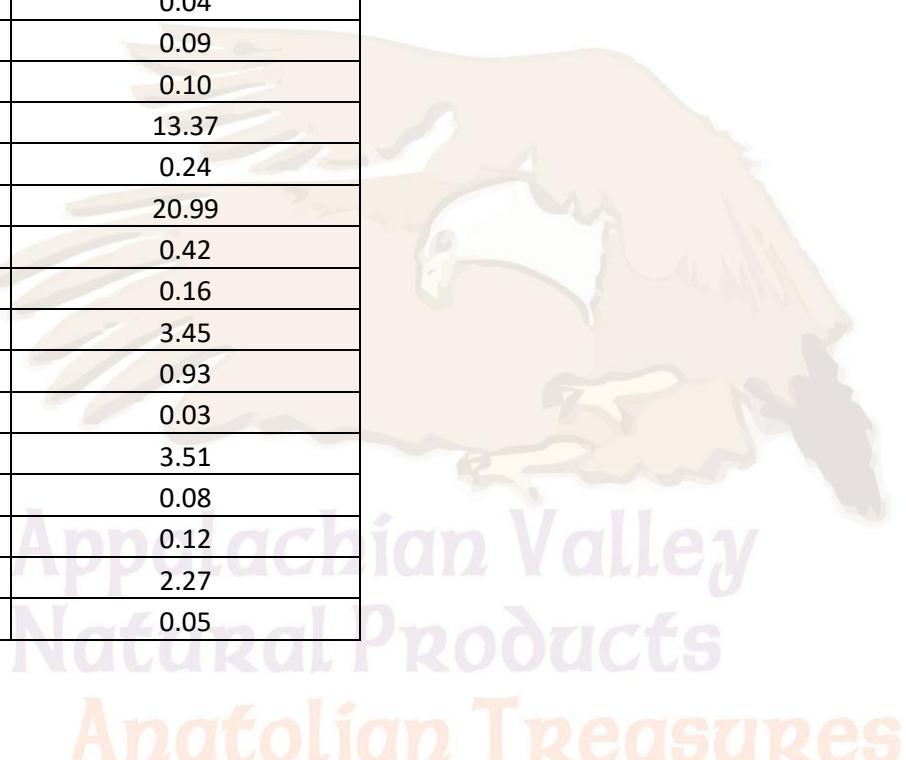


Appalachian Valley Natural Products
(301)746-4630
260 Maple Street
Friendsville, MD 21531
www.AV-AT.com
John@AV-AT.com

Certificate of Analysis:	
Oil Name:	Citronella Java
Botanical Name:	(<i>Cymbopogon winterianus</i>)
Lot Number:	INK9-KY
Country:	Indonesia
Name:	Area%
alpha-Pinene	0.03
Sabinene	0.06
beta-Pinene	0.03
6-Methyl-5-hepten-2-one	0.05
Myrcene	0.05
Limonene	3.41
beta-Phellandrene	0.06
Unidentified	0.04
Bergamal	0.04
Terpinolene	0.05
Linalool	0.78
Isopulegol	1.19
Citronellal	33.36
iso-Isopulegol	0.40
Neoiso-Isopulegol	0.06
alpha-Terpineol	0.04
Decanal	0.09
Nerol	0.10
Citronellol	13.37
Neral	0.24
Geraniol	20.99
Geranial	0.42
8-Hydroxyneomenthol	0.16
Citronellyl acetate	3.45
Eugenol	0.93
8-Hydroxy-neo-menthol isomer	0.03
Geranyl acetate	3.51
Sesquiterpene	0.08
beta-Bourbonene	0.12
beta-Elemene	2.27
beta-Ylangene	0.05



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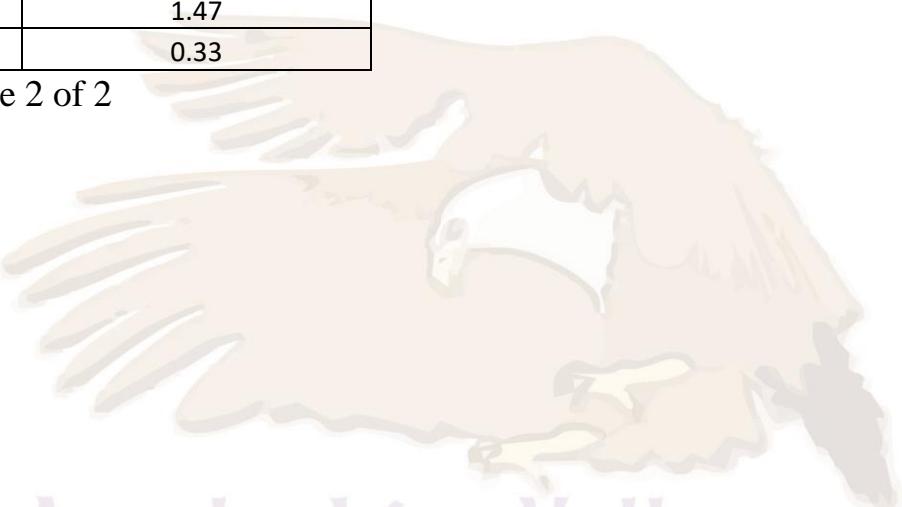
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beta-Caryophyllene	0.08
beta-Copaene	0.04
Sesquiterpene	0.05
trans-Muurola-3,5-diene	0.04
alpha-Humulene	0.11
epi-Bicycoesquiphellandrene	0.04
cis-Muurola-4(14),5-diene	0.06
trans-Cadina-1(6),4-diene	0.21
Germacrene D	2.48
beta-Selinene	0.03
trans-Muurola-4(14),5-diene	0.08
Cebedol	0.12
alpha-Muurolene	0.54
gamma-Cadinene	0.52
Sesquiterpene	0.04
delta-Cadinene	2.19
trans-Cadina-1,4-diene	0.03
alpha_cadinene	0.12
alpha-Elemol	3.92
Unidentified	0.74
Farnesol	0.07
1-epi-Cubenol	0.04
gamma-Eudesmol	0.33
tau-Cadinol	0.31
epi-alpha-Cadinol	0.44
delta-Cadinol	0.11
alpha-Cadinol	1.47
Unidentified	0.33

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