

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:	Geranium Bourbon
Botanical Name:	(<i>Pelargonium graveolens</i>)
Lot Number:	REW9-WS

Name:	Area%
Isoamyl alcohol	0.01
Pentanol <3-methyl->	0.03
Hexenol <3Z>	0.02
Pinene <alpha>	0.15
Bois de Rose oxide	0.03
Myrcene	1.64
Pseudolimonene	0.10
Phellandrene <alpha->	0.04
Cymene <para->	0.06
Limonene	0.07
Ocimene <Z-beta>	0.07
Ocimene <E-beta>	0.03
Linalool oxide <cis-furanoid>	0.07
Terpinolene	0.06
Linalool	8.89
Rose Oxide <cis>	0.94
Rose Oxide <trans>	0.36
Menthone	2.15
Isomenthone	8.71
Menthol	0.07
Terpineol <alpha>	0.11
Nerol	0.59
Citronellol	23.51
Neral	0.29
Isogeraniol	0.07
Geraniol	15.47



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Anatolian Treasures

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Myrtanol <trans->	0.11
Geranial	0.51
Citronellyl formate	10.36
Neryl formate	0.31
Geranyl formate	5.83
Citronellyl acetate	0.33
Copaene <alpha>	0.52
Bourbonene <beta>	0.58
Elemene <beta>	0.13
Caryophyllene <trans>	2.05
Bergamotene <trans-alpha>	0.13
Guaiene <alpha>	0.22
Citronellyl propionate	0.55
Guaia-6,9-diene	2.98
Aromadendrene	0.23
Humulene <alpha>	0.41
Alloaromadendrene	0.16
Neryl propionate	1.93
Cadina-1(6),4-diene <cis>	0.13
Cadina-1(6),4-diene <trans>	0.11
Germacrene D	0.62
Selinene <beta->	0.14
Viridiflorene	0.45
Selinene <alpha>	0.13
Murrolene <alpha->	0.15
Cadinene <gamma->	0.14
Cadinene <delta>	0.56
Citronellyl butyrate	1.32
Elemol	0.11
Neryl butyrate	0.81
Citronellyl valerate	0.06
Unidentified ester	0.29
Phenylethyl tiglate	0.39
Caryophyllene oxide	0.11
Citronellyl valerate	0.07
Eudesmol <gamma>	0.17
Cubenol<1-epi>	0.07
Eudesmol isomer	0.10



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Valerianol	0.28
Eudesmol <alpha>	0.27
Citronellyl tiglate <€0>	0.56
Eudesmol <7-epi-alpha>	0.15
Citronellyl isobutyrate	0.13
Bisabolol <alpha->	0.70
Geranyl tiglate	1.02
Springene <beta>	0.08

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