

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

| <b>Certificate of Analysis:</b> |                               |
|---------------------------------|-------------------------------|
| <b>Oil Name:</b>                | Cedarwood Blood               |
| <b>Botanical Name:</b>          | <i>(Juniperus virginiana)</i> |
| <b>Lot Number:</b>              | USN22-NB                      |
| <b>Country:</b>                 | USA                           |
| Name:                           | Area%                         |
| Pinine <alpha->                 | 0.02                          |
| Terpinen-4-ol                   | 0.02                          |
| Terpineol <alpha->              | 0.03                          |
| Myrtenol                        | 0.03                          |
| Verbenone                       | 0.03                          |
| Methyl thymol ether             | 0.03                          |
| Carvacrol                       | 0.02                          |
| Cedrene <alpha>                 | 0.36                          |
| Isocomene <alpha>               | 0.06                          |
| Duprezianene <alpha->           | 0.78                          |
| Elemene <beta>                  | 0.10                          |
| Isolongifolene                  | 0.11                          |
| Himachalene <alpha->            | 0.26                          |
| Funebrene                       | 0.11                          |
| Cedrene isomer                  | 0.12                          |
| Cederen <alpha>                 | 31.93                         |
| Caryophyllene <trans>           | 0.56                          |
| Cedrene <beta->                 | 6.54                          |
| Thujopsene <cis->               | 36.21                         |
| Himachalene <alpha->            | 0.53                          |
| Acoradiene <alpha>              | 0.41                          |
| Acoradiene <beta>               | 0.38                          |
| Thujopsens <cis->               | 0.16                          |
| Himachalene <gamma>             | 0.35                          |
| Chamigrene <beta>               | 0.79                          |
| Himachalene <alpha>             | 0.40                          |
| Himachalene <beta>              | 0.41                          |
| Cedrene-V6                      | 1.09                          |
| Chamigrene <alpha>              | 0.63                          |
| Cuparene                        | 1.55                          |



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|                               |       |
|-------------------------------|-------|
| Alaskene <alpha>              | 0.12  |
| Unknown sesquiterpene         | 0.20  |
| Cuprenene <gamma>             | 0.25  |
| Junipene                      | 0.11  |
| Cuprenene <alpha>             | 0.07  |
| Caryophyllene oxide           | 0.05  |
| Unknown sesquiterpene alcohol | 0.14  |
| Widdrol                       | 2.35  |
| Cedrol                        | 11.51 |
| Cedrol isomer                 | 0.23  |
| Unknown sesquiterpene alcohol | 0.21  |
| Unknown sesquiterpene alcohol | 0.22  |
| Bisabolol <alpha->            | 0.24  |
| Unknown sesquiterpene alcohol | 0.15  |
| Unknown sesquiterpene alcohol | 0.13  |

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