

## Certificate of Analysis - Amyris Essential Oil

**Sample:** Amyris Oil

**Species:** *Amyris balsamifera*

**Origin:** Haiti

MS Library ID	FID %
alpha-acoradiene	0.99%
curcumene	1.34%
beta-dihydroagarofuran	1.31%
alpha-dihydroagarofuran	0.61%
7-epi-alpha-selinene	0.45%
beta-sesquiphellandrene	1.48%
delta-alpha-selinene	0.50%
selina-3,7(11)diene	2.05%
alpha-agarofuran	1.16%
elemol	8.99%
(E)-nerolidol	0.36%
10-epi-gamma-eudesmol	7.51%
gamma-eudesmol	7.98%
beta-eudesmol	3.24%
alpha-eudesmol	16.18%
valerianol	17.04%
7-epi-alpha-eudesmol	7.21%
drimenol	1.38%

Physical Constants	Value
Optical rotation	38.27
Refractive index	1.5069
Specific gravity	0.966

The composition of the sample corresponds to that expected for the natural essential oil of *Amyris balsamifera* of Haitian origin. Quality is exceptional with total sesquiterpene alcohols over 81%. Physical constants fall within acceptable ranges for the specified oil. No adulteration was detected. Odor quality is excellent.