

Gas Chromatography Analysis (%)

Vetiver

(*Vetiveria zizanoides*)

Current batch distilled in Madagascar in Fall 2015

Sesquiterpenes		Sesquiterpenes cont.		Sesquiterpenols		Ketones	
eremophiladiene mw=202	0.31%	vetivenene isomer		vetivenol isomer	1.44%	other ketones	7.48%
a-muurolene	0.10%	a-calacorene	1.49%	vetivenol	0.62%	khusimore mw=204	0.08%
γ-muurolene	1.02%	khusimene	0.61%	elemol + globulol	0.12%	benzocycloheptenone mw=178	0.32%
d-cadinene	0.23%	calarene	0.77%	vetiselinenol	0.93%	a-vetivone	4.72%
ylangene	0.05%	eudesmatriene isomer mw=202	0.17%	10-epi-γ-eudesmol	0.22%		
alkyl benzene mw=202	0.05%	copacamphene	1.39%	vetivenol isomer mw=220 + sesquiterpenol	0.37%		
aristolene	0.11%	germacrene d + sativene	0.35%	b-eudesmol	0.51%		
valencene	0.65%	a-vetispirene	0.95%	zizanol	0.83%		
b-cubebene	0.32%	b-vetivenene	5.34%	g-muurolol	1.02%		
γ-vetivenene	1.27%			valerianol	0.59%		
curcumene isomer	0.31%			a-eudesmol	2.03%		
cadina-1,4-diene	0.23%			vetiselinenol mw=220	0.93%		
b-vetispirene mw=202	2.75%			khusimol	4.41%		
levojunenol	0.54%			isovalencenol	1.24%		
cadinatriene isomere mw=202	0.07%						
preziza-7-ene	0.47%						
		Phenols		Other			
		isoeugenol	1.37%	alkyl benzene mw=190	0.35%		
				acid compound mw=234	1.38%		
				compound mw=222	1.73%		
				khusenic acid	3.59%		
				isokhusenic acid	12.96%		