

Clove Bud
 Lot# MAX34-XX
 Country: Madagascar



GC/MS Report
 Components

Ret. Time	Component	Ret. Idx.	Conc. %	
17.905	Limonene	1019	0.01%	IFRA
28.839	Methyl salicylate	1180	0.09%	
32.870	Chavicol	1239	0.08%	
39.328	alpha-Cubebene	1334	0.03%	
39.830	Eugenol	1342	79.41%	IFRA
41.220	alpha-Copaene	1363	0.11%	
42.761	Methyleugenol	1386	0.02%	IFRA
43.061	Unidentified	1391	0.01%	
44.015	beta-Caryophyllene	1405	6.12%	
46.246	alpha-Humulene	1441	0.91%	
47.279	cis-Murrola-4(14),5-diene	1457	0.02%	
48.756	Unidentified	1481	0.01%	
48.943	Unidentified	1484	0.01%	
49.291	trans,trans-alpha-Farnesene	1490	0.02%	
49.908	Eugenyl acetate	1499	12.67%	
50.108	delta-Cadinene	1503	0.11%	
50.295	cis-Calamenene	1506	0.03%	
50.968	trans-Cadina-1,4-diene	1517	0.01%	
51.980	Unidentified	1534	0.01%	
52.267	Unidentified	1539	0.02%	
53.866	Caryophyllene oxide	1566	0.22%	
54.499	Unidentified	1576	0.01%	
55.483	Humulene epoxide II	1593	0.02%	
57.024	Caryophylla-4(12),8(13)-dien-5-beta-ol	1620	0.02%	
58.077	14-Hydroxy-9-epi-(Z)-Caryophyllene	1639	0.03%	
58.902	14-Hydroxy-9-epi-(E)-Caryophyllene	1653	0.02%	
97.003	Unidentified	2465	0.02%	

Total Identified Compounds **99.95 %**