

Artisan Aromatics

GC/MS Report Method: Percentage (%)

Essential Oil: Plai

Botanical Name: Zingiber cassumunar

Country of Origin: Thailand

R.Time	Name	Area%
14.070	Thujene <alpha->	0.74
14.531	Pinene <alpha->	1.07
15.525	Camphene	0.08
16.928	Sabinene	21.01
17.232	Pinene <beta->	3.07
17.798	Myrcene	0.67
18.974	Phellandrene <alpha->	0.10
19.677	Terpinene <alpha->	2.62
20.198	Cymene <para->	4.97
20.500	Limonene	0.58
20.626	Phellandrene <beta->	0.82
20.722	Eucalyptol	1.12
22.472	Terpinene <gamma->	5.27
23.289	Sabinene hydrate <cis->	1.38
24.333	Terpinolene	0.97
24.651	Dehydro-p-cymene	0.03
25.262	Linalool	0.07
25.435	Sabinene hydrate <trans->	1.33
27.089	Menth-2-en-1-ol <cis-p>	0.43
28.348	Menth-2-en-1-ol <trans-p>	0.36
28.747	Camphor	0.09
29.409	Sabina ketone	0.04
31.258	Terpinen-4-ol	34.44
31.476	p-Cymen-8-ol	0.13
31.928	2-.beta.-hydroxy-1,4-cineole	0.15
32.099	Terpineol <alpha->	1.99
32.216	Piperitol <trans->	0.11
33.022	Piperitol <cis->	0.18
38.239	Bornyl acetate	0.06
42.365	Terpinyl acetate <alpha->	0.50
42.452	Cubebene <alpha->	0.06
44.404	Copaene <alpha->	3.36
45.158	Cubebene <beta->	0.23
45.242	Elemene <beta->	0.10
46.448	Gurjunene <alpha->	0.14
47.257	Caryophyllene <trans->	1.39
48.438	Copaene <beta->	0.23
49.515	Humulene <alpha->	0.30
49.786	(-)-Alloaromadendrene	0.22
50.675	Cadina-1(6),4-diene <trans->	0.12
51.003	Ar-Curcumene	0.58
51.269	Selinene <alpha->	0.11
51.699	Viridiflorene	0.22
51.869	Zingiberene<alpha>	0.36
51.991	Bicyclogermacrene	0.20
52.129	Muurolene <alpha->	0.10
52.664	Bisabolene <beta->	0.30
53.087	2-Allyl-1,4-dimethoxy-3-methyl-benzene	0.31
53.317	Cadinene <delta->	0.91
53.652	Sesquiphellandrene <beta->	2.73
57.511	(E)-1-(3,4-Dimethoxyphenyl) butadiene	2.44
58.173	Curzerenone	0.21
59.658	4-(2,4,5-Trimethoxyphenyl) butadiene	0.78
59.810	Cubebol<1-epi>	0.11
65.514	Zerumbone	0.12
		100.00