

## Presence of Compounds in Copaiba (*Copaifera officinalis*)

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Agathic acid, enantio		Gum	Not Stated	Not Stated	ZZ1047
Agathic acid, 15-methyl ester	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Althic acid, poly	Diterpenoid	Gum Oleoresin	Not Stated Spain	Not Stated Not Stated	ZZ1047 BT1008
Althate, methyl poly	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Aromadendrene, allo		Gum	Not Stated	Not Stated	ZZ1047
Bergamotene, alpha		Gum	Not Stated	Not Stated	ZZ1047
Bergamotene, trans-alpha		Gum	Not Stated	22,200-91,800 ppm	ZZ1047
Bisabolene, beta	Sesquiterpene	Gum Oleoresin	Not Stated Spain	Not Stated Not Stated	ZZ1047 BT1008
Bisabolol, beta		Gum	Not Stated	Not Stated	ZZ1047
14,15-bisnorlabd-8(17)-en-13-one	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Cadinene, delta		Gum	Not Stated	Not Stated	ZZ1047
Cadinene, gamma		Gum	Not Stated	Not Stated	ZZ1047
Calamenene		Gum	Not Stated	Not Stated	ZZ1047
Calamesene		Gum	Not Stated	Not Stated	ZZ1047
Carbonic acid, 16beta-kauran-19		Gum	Not Stated	Not Stated	ZZ1047
Carbonic acid ester, methyl-11-acetoxylabda-8(20)-13-dien-15		Plant	Not Stated	Not Stated	ZZ1047
Carioazulene		Gum	Not Stated	Not Stated	ZZ1047
Caryophyllene		Gum	Not Stated	151,800-480,600 ppm	ZZ1047

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Caryophyllene oxide	Sequiterpene	Gum Oleoresin	Not Stated Spain	Not Stated Not Stated	ZZ1047 BT1008
Carbonic acid, kaur-16-en-19	Diterpenoid	Gum	Not Stated	Not Stated	ZZ1047
Coipaiferic acid	Diterpenoid	Gum	Not Stated	Not Stated	ZZ1047
Copaiferolic acid		Gum	Not Stated	Not Stated	ZZ1047
Copaiferolate, methyl-18-hydroxy	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Copaibic acid, para		Gum	Not Stated	Not Stated	ZZ1047
Copalic acid	Diterpenoid	Gum Oleoresin Oleoresin	Not Stated Japan Spain	Not Stated Not Stated Not Stated	ZZ1047 BT1007 BT1008
Copaene		Gum	Not Stated	45,000-146,700 ppm	ZZ1047
Copaene, alpha		Wood	Not Stated	Not Stated	ZZ1047
Copaene, beta		Wood	Not Stated	Not Stated	ZZ1047
Copalate, methyl	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Cubebene, alpha		Gum	Not Stated	9,000-32,400 ppm	ZZ1047
Cubebene, beta		Gum	Not Stated	2,100-8,100 ppm	ZZ1047
Curcumene, ar		Gum	Not Stated	Not Stated	ZZ1047
Cyperene		Gum	Not Stated	Not Stated	ZZ1047
Elemene, beta		Gum	Not Stated	3,900-14,400 ppm	ZZ1047
Elemene, delta		Gum	Not Stated	7,200-24,300 ppm	ZZ1047
Elemene, gamma		Gum	Not Stated	Not Stated	ZZ1047
Ent-neo-4(18),13-clerodadien-15-ol	Diterpenoid	Oleoresin	Japan	Not Stated	BT1007
Eperu-8(20)-en-15,18-dioic acid	Diterpenoid	Gum	Not Stated	Not Stated	ZZ1047

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Essential Oil		Gum	Not Stated	300,000-900,000 ppm	ZZ1047
Farnesene, beta		Gum	Not Stated	Not Stated	ZZ1047
Hardwickic acid	Diterpenoid	Gum Oleoresin	Not Stated Japan	Not Stated Not Stated	ZZ1047 BT1007
Hardwickic acid, 7-hydroxy		Gum	Not Stated	Not Stated	ZZ1047
Homoparacopaibic acid		Gum	Not Stated	Not Stated	ZZ1047
Humulene, alpha		Plant	Not Stated	Not Stated	ZZ1047
Humulene, beta		Gum	Not Stated	Not Stated	ZZ1047
Humulene, gamma		Gum	Not Stated	Not Stated	ZZ1047
Kaurenic acid	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Kaurenoic acid	Diterpenoid	Oleoresin	Brazil	Not Stated	BT1009
16beta-kauran-19-oic acid	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Kolavenol	Diterpenoid	Oleoresin	Japan	Not Stated	BT1007
Kolavenol, cis	Diterpenoid	Oleoresin	Japan	Not Stated	BT1007
Illurinic acid		Gum	Not Stated	Not Stated	ZZ1047
8(17),13-labdadien-15-ol	Diterpenoid	Oleoresin	Japan	Not Stated	BT1007
Maracaibobalsam		Gum	Not Stated	Not Stated	ZZ1047
Metacopaibic acid, beta		Gum	Not Stated	Not Stated	ZZ1047
Methyl 3beta-hydroxy-labda-8(17),13-dien-15-ate	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Multijugenol, alpha		Gum	Not Stated	Not Stated	ZZ1047
Murolene, beta		Wood	Not Stated	Not Stated	ZZ1047

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Pauperol	Terpenoid	Oleoresin	Spain	Not Stated	BT1008
Pentanoic acid, 3-methyl-5-(2,2,6-trimethyl-6-hydroxy-cyclohexyl)-pentanoic acid	Sesquiterpene	Oleoresin	Spain	Not Stated	BT1008
Pinifolic acid	Diterpenoid	Oleoresin	Spain	Not Stated	BT1008
Resin		Gum	Not Stated	60,000-540,000 ppm	ZZ1047
Selinene, alpha		Gum	Not Stated	Not Stated	ZZ1047
Selinene, beta		Gum	Not Stated	Not Stated	ZZ1047
TDI-I	Trypsin Inhibitor	Seed	Brazil	Not Stated	BT1017
TDI-II	Trypsin Inhibitor	Seed	Brazil	Not Stated	BT1017

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