

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Pimenta racemosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
53	CITRAL	Leaf	8000.0	31200.0	1.0	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	EO	Leaf	7500.0	39000.0	2.415813435144573	--
0	MONOTERPENES	Leaf	2570.0	8740.0	1.0	--
22	MYRCENE	Leaf	735.0	23800.0	8.415615315531328	--
3	BETA-PHELLANDRENE	Leaf	230.0	780.0	1.398677092000093	--
0	TRANS-OCIMENE	Leaf	210.0	715.0	1.5508624595270908	--
60	LIMONENE	Leaf	140.0	6870.0	6.779460530175923	--
0	LINALOL	Leaf	130.0	1020.0	0.16156519383563286	--
53	LINALOOL	Leaf	130.0	1080.0	0.1004432910088594	--
20	METHYL-EUGENOL	Leaf	130.0	16770.0	1.7180184963159455	--
0	1-OCTEN-3-OL	Leaf	100.0	440.0	3.154920477470215	--
2	OCIMENE	Leaf	100.0	340.0		--
31	CARYOPHYLLENE	Leaf	90.0	305.0	-0.497340410309604	--
5	GERANYL-ACETATE	Leaf	80.0	270.0	0.4063964750625717	--
2	3-OCTANOL	Leaf	30.0	540.0	1.999518069743643	--
6	METHYL-CHAVICOL	Leaf	30.0	12480.0	1.9031033477402637	--
1	COPAENE	Leaf	20.0	70.0	1.544780732576718	--
12	ESTRAGOLE	Leaf	18.0	10745.0	0.19223833977396435	--
76	EUGENOL	Leaf	16.0	21840.0	1.749765335298858	--
16	P-CYMENE	Leaf	16.0	750.0	0.222984120681939	--
0	ALPHA-AMORPHENE	Leaf	10.0	35.0	-0.19089331525390477	--
0	METHYL-HEPTENONE	Leaf	10.0	35.0		--
13	BETA-PINENE	Leaf	1.0	35.0	-0.37750495647165555	--
0	(Z)-OCIMENE	Leaf	0.0	16.0	1.4142135623730954	--
28	ALPHA-PINENE	Leaf	0.0	950.0	-0.16286620322884066	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GERANIC-ACID	Leaf	0.0	160.0	0.9999999999999998	--
11	GAMMA-TERPINENE	Plant	0.0	16.0	-0.5274539805502925	--
0	ALPHA-CYCLOCITRAL	Leaf	0.0	32.0		--
3	CHAVICOL	Leaf	0.0	8580.0	1.0	--
0	VERBENOL	Leaf	0.0	16.0	-1.0	--
11	ALPHA-PHELLANDRENE	Leaf	0.0	950.0	0.35939755207141527	--
67	1,8-CINEOLE	Leaf	0.0	680.0	-0.4427590410772167	--
0	ALPHA-COPAENE	Leaf	0.0	70.0	0.060157357813246624	--
0	CALAMENENE	Leaf	0.0	36.0	0.12537842028357807	--
0	(E)-OCIMENE	Leaf	0.0	65.0	-0.5328616124338607	--
3	ALPHA-CADINOL	Leaf	0.0	36.0	1.7831324721513606	--
0	(E,E)-ALPHA-FARNESENE	Leaf	0.0	36.0		--
0	TERPINOLINE	Leaf	0.0	100.0		--
0	6-METHYL-HEPT-5-EN-2-ONE	Leaf	0.0	48.0	1.0000000000000002	--
0	(E)-ANETHOLE	Leaf	0.0	32.0	1.0000000000000002	--
10	NEROL	Leaf	0.0	110.0	0.08229379594305986	--
0	2,3-DEHYDRO-1,8-CINEOLE	Leaf	0.0	16.0		--
0	TRANS-LINALOOL-OXIDE	Leaf	0.0	18.0	0.15034619483106604	--
4	NERAL	Leaf	0.0	11080.0	2.645295440851897	--
2	CHRYSANTHENONE	Leaf	0.0	255.0		--
23	TERPINEN-4-OL	Leaf	0.0	215.0	-0.21755950373765864	--
17	THUJONE	Leaf	0.0	16.0	-0.7362072762133899	--
8	CARYOPHYLENE-OXIDE	Leaf	0.0	18.0	-0.3781728702778057	--
2	GERMACRENE-D	Leaf	0.0	55.0	-0.48053593113363874	--
41	CAMPHOR	Leaf	0.0	240.0	-0.24352185525168293	--
9	DELTA-CADINENE	Leaf	0.0	145.0	0.16716304864753206	--
0	P-CYMEN-8-OL	Leaf	0.0	18.0	-0.05670989498424539	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-OCTANONE	Leaf	0.0	340.0	1.0	--
0	NERIC-ACID	Leaf	0.0	32.0		--
35	GERANIOL	Leaf	0.0	560.0	0.02962893967624691	--
0	BETA-CARYOPHYLLENE	Leaf	0.0	110.0	-0.280971407085572	--
23	ALPHA-TERPINEOL	Leaf	0.0	415.0	0.1382399064245457	--
13	GERANIAL	Leaf	0.0	18090.0	2.64112243372159	--
2	ALPHA-HUMULENE	Leaf	0.0	36.0	-0.40692506372496984	--
1	CIS-3-HEXENOL	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	OCTADECANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TRANS-3-HEXENOL	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	LEDENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	FURFUROL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	TETROCOSANE	Leaf				--
0	GAMMA-CADINENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	NONADECANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	HEXANOL	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-P-DIMETHYL-STYRENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

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5	EUGENOL-METHYL-ETHER	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	TETRADECANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	NERYL-ACETATE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	CALACORENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	HEXADECANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-MUUROLENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	HEXACOSANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-GURJUNENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TERPINEN-4-YL-ACETATE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	EICOSANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-CUBEBENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	HEPTADECANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-CUBEBINE	Leaf				--

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0	DOCOSANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	BETA-COPAENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	HENEICOSANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-CADINENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	SABINENE	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	DELTA-ELEMENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TETRACOSANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	BETA-CEDRENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	PENTADECANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-YLANGENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TRIDECANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	BETA-MYRCENE	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

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0	PENTACOSANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	ALPHA-THUJENE	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TRICOSANE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	CIS-ALPHA-FARNESENE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
16	ISOEUGENOL	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	1-OCTEN-3-YL-ACETATE	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.