

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Lindera benzoin*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(E)-ALPHA-BERGAMOTENE	Leaf		4.0		--
0	(E)-BETA-FARNESENE	Leaf		12.0	1.3871364088523797	--
0	(E)-BETA-OCIMENE	Fruit	36.0	50.0	1.410387910020219	--
0	(E)-NEROLIDOL	Shoot Essent. Oil		100000.0		Tucker, A. O. and DeBaggio, T. 2000. The Big Book of Herbs. Interweave Press, Inc. Loveland, CO. 688 pp.
0	(E)-NEROLIDOL	Leaf	10.0	28.0		--
0	(Z)-BETA-OCIMENE	Fruit	55.0	75.0	1.413387566180471	--
0	(Z)-HEXENYL-BENZOATE	Leaf		0.8		--
0	1,6-GERMACRIENE-5-OL	Leaf		12.0		--
67	1,8-CINEOLE	Twig	315.0	320.0		--
67	1,8-CINEOLE	Shoot Essent. Oil	100000.0	160000.0		Tucker, A. O. and DeBaggio, T. 2000. The Big Book of Herbs. Interweave Press, Inc. Loveland, CO. 688 pp.
0	6-METHYL-5-HEPTEN-2-ONE	Leaf	4.0	90.0	1.0	--
0	6-METHYL-5-HEPTEN-2-ONE	Shoot Essent. Oil	110000.0	160000.0		Tucker, A. O. and DeBaggio, T. 2000. The Big Book of Herbs. Interweave Press, Inc. Loveland, CO. 688 pp.
0	ALPHA-AMORPHENE	Leaf		1.0	-1.118089417915728	--
3	ALPHA-CURCUMENE	Leaf		0.2	-1.0000000000000002	--
2	ALPHA-HUMULENE	Leaf		4.0	-0.461281770327533	--
11	ALPHA-PHELLANDRENE	Leaf		0.1	-0.3142504728497459	--
11	ALPHA-PHELLANDRENE	Fruit	2300.0	3135.0	1.0038352969550377	--
28	ALPHA-PINENE	Twig	35.0	43.0		--
28	ALPHA-PINENE	Leaf		2.0	-0.22441467430292877	--
28	ALPHA-PINENE	Fruit	125.0	190.0	-0.6691781959817703	--
13	ALPHA-TERPINENE	Twig	7.0	9.0		--
13	ALPHA-TERPINENE	Fruit	4.0	6.0	-0.42695514781596183	--
23	ALPHA-TERPINEOL	Twig	46.0	49.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	ALPHA-ZINGIBERENE	Leaf		0.3	-1.0	--
6	BETA-BISABOLENE	Leaf		11.0	-0.4169621115203249	--
0	BETA-CARYOPHYLLENE	Fruit	60.0	135.0	-0.5010630039504591	--
0	BETA-CARYOPHYLLENE	Shoot Essent. Oil		150000.0	0.9687636152211475	Tucker, A. O. and Debaggio, T. 2000. The Big Book of Herbs. Interweave Press, Inc. Loveland, CO. 688 pp.
0	BETA-CARYOPHYLLENE	Leaf	30.0	100.0	-0.2858675918980429	--
5	BETA-ELEMENE	Leaf		0.5	-0.41735054870946686	--
5	BETA-ELEMENE	Fruit	50.0	105.0	-0.4228533399770978	--
3	BETA-PHELLANDRENE	Fruit	400.0	545.0	-0.37846099644615616	--
13	BETA-PINENE	Twig	24.0	26.0		--
13	BETA-PINENE	Leaf		2.0	-0.4261796787847352	--
13	BETA-PINENE	Fruit	18.0	26.0	-0.2970103819718596	--
5	BETA-SESQUIPELLANDRENE	Leaf		10.0		--
0	BICYCLOGERMACRENE	Leaf		3.0	-0.27795320960024966	--
35	BORNEOL	Twig	13.0	15.0		--
9	CAMPHENE	Twig	17.0	26.0		--
9	CAMPHENE	Leaf		2.0	-0.19193690447163486	--
9	CAMPHENE	Fruit	22.0	40.0	-0.3352175138149692	--
8	CARYOPHYLLENE-OXIDE	Leaf		4.0	-0.4391357187911543	--
9	DELTA-CADINENE	Leaf		10.0	-0.4205507790449602	--
0	DELTA-CARENE	Fruit	4.0	7.0		--
0	EO	Twig		700.0	-0.9967582876073293	--
0	EO	Leaf		200.0	-0.99702714807754	--
0	EO	Fruit	4140.0	4260.0	-0.7371602288581334	--
0	GAMMA-CADINENE	Leaf		3.0	-0.4545809267588206	--
11	GAMMA-TERPINENE	Twig	20.0	21.0		--
2	GERMACRENE-D	Leaf		3.0	-0.5226250626304977	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ISOLINDERANOLIDE	Fruit				--
0	ISOLINDERENOLIDE	Fruit				--
0	ISOBTUSILACTONE	Fruit				--
0	ISOBTUSILACTONE-A	Fruit				--
2	LAUROTETANINE	Stem				Tucker, A. O. and Debaggio, T. 2000. The Big Book of Herbs. Interweave Press, Inc. Loveland, CO. 688 pp.
60	LIMONENE	Twig	9.0	11.0		--
60	LIMONENE	Leaf		0.4	-0.44736341924220374	--
60	LIMONENE	Fruit	80.0	115.0	-0.7337108733981885	--
0	LINDERANOLIDE	Fruit				--
22	MYRCENE	Twig	0.0	10.0	-1.0	--
22	MYRCENE	Leaf		0.1	-0.17263946025400964	--
22	MYRCENE	Fruit	170.0	225.0	-0.34944700436295945	--
0	OBTUSILACTONE	Fruit				--
0	OBTUSILACTONE-A	Fruit				--
16	P-CYMENE	Twig	0.0	4.0		--
16	P-CYMENE	Fruit	90.0	135.0	-0.5618957411149429	--
0	RESIN	Plant				--
5	SABINENE	Twig	41.0	54.0		--
5	SABINENE	Leaf		0.03	-0.26118975022259067	--
5	SABINENE	Fruit	5.0	8.0	-0.5330900383974737	--
0	SPATHULENOL	Leaf		0.4	-0.7655764732873739	--
5	STARCH	Plant				--
35	TANNIN	Plant				--
23	TERPINEN-4-OL	Twig	26.0	29.0		--
9	TERPINOLENE	Twig	0.0	2.0	-1.0	--
9	TERPINOLENE	Fruit	2.0	9.0	-0.7025209807609539	--