

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Myrica cerifera*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	FIBER	Leaf		298000.0	1.6875471991693278	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
112	ASCORBIC-ACID	Bark	143.0	656.0	1.4146859532018246	--
4	TIN	Bark	5.0	22.0	1.1747019769018916	--
0	CARBOHYDRATES	Leaf		743000.0	1.0429881203697926	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	SUGARS	Bark	19620.0	90000.0	0.9622504486493763	--
0	CARBOHYDRATES	Seed		743000.0	0.8727256764638311	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Bark	189660.0	870000.0	0.8634884216443927	--
1	SODIUM	Bark	166.0	760.0	0.5412869567682672	--
0	WATER	Bark		782000.0	0.4581878715921525	--
0	ASH	Leaf		127000.0	0.14356317818211736	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
60	SELENIUM	Bark	1.0	3.4	-0.14068469031161568	--
5	ALUMINUM	Bark	33.0	151.0	-0.2025003035719614	--
5	STARCH	Bark	13080.0	60000.0	-0.3828390779117685	--
0	FIBER(CRUDE)	Bark		111000.0	-0.4107032279018778	--
0	EO	Plant	2000.0	4000.0	-0.4361356820223302	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
24	CHROMIUM	Bark	0.3	1.5	-0.4384170629297457	--
2	COBALT	Bark	1.0	3.5	-0.4435359137818475	--
39	NIACIN	Bark	6.0	28.0	-0.5646715311970558	--
0	ASH	Bark	13080.0	60000.0	-0.5791061098941602	--
0	EO	Bark	436.0	4000.0	-0.6157342225469362	--
14	MANGANESE	Bark	1.4	6.4	-0.633758174363261	--
0	PROTEIN	Bark	13516.0	62000.0	-0.6361004787964526	--
0	FAT	Leaf		22000.0	-0.6867191610195872	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

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6	IRON	Bark	10.0	47.0	-0.6960773901581655	--
0	FAT	Seed		133000.0	-0.6973327980000504	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	CALCIUM	Bark	2442.0	11200.0	-0.7142110629614871	--
15	FIBER	Bark		111000.0	-0.7221828980943402	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FAT	Bark	1744.0	8000.0	-0.8086779671088092	--
0	FIBER(DIETARY)	Bark		392000.0	-0.831678930044424	--
65	MAGNESIUM	Bark	107.0	490.0	-0.8592515899594639	--
14	POTASSIUM	Bark	427.0	1960.0	-0.8740798009975701	--
0	KILOCALORIES	Bark		2290.0	-0.9548911719496972	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	TANNINS	Bark		39000.0	-1.0	--
0	WAX	Fruit	5000.0	10000.0	-1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Leaf		108000.0	-1.035954705344622	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Seed		49000.0	-1.6438567224523035	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
10	ALPHA-AMYRIN	Leaf				--
0	MIMULINE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
34	MYRICETIN	Plant				--
2	TARAXEROL	Plant				--
13	BETULIN	Stem				--
0	RESIN	Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
10	ALPHA-AMYRIN	Stem				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	MYRICERON-CAFFEOYL-ESTER	Branches				--
13	BETULIN	Root				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	MYRICERONE-CAFFEOYLESTER	Bark				--
53	LINALOOL	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
21	LUPEOL	Root				--
41	TANNIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
13	BETULIN	Leaf				--
0	MYRICANONE	Bark				--
21	LUPEOL	Leaf				--
4	PHOSPHORUS	Bark				--
60	LIMONENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	LINALOL	Leaf				--
21	LUPEOL	Fruit				--
8	STEARIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	MYRICANOL	Bark		480.0		--
21	LUPEOL	Stem				--
26	PHENOL	Bark				--
13	BETULIN	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
77	ZINC	Bark				--

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7	LAURIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	STARCH	Plant				--
0	THIAMINE	Bark				--
8	GLUTAMIC-ACID	Root				--
13	PALMITIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
53	BETA-CAROTENE	Bark				--
9	BETA-AMYRIN	Fruit				--
4	SILICON	Bark				--
9	BETA-AMYRIN	Leaf				--
6	MYRISTIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	UROADIOL	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	GUM	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
9	BETA-AMYRIN	Stem				--
13	MYRICITRIN	Plant				--
11	GAMMA-TERPINENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Bark				--
0	5,11,17-TRI-O-ACETYL-(+,-)-MYRICANOL	Bark		160.0		--
10	ALPHA-AMYRIN	Root				--
1	MYRICADIOL	Bark				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
31	THIAMIN	Bark				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
62	GALLIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	11-O-METHYL-(+,-)-MYRICANOL	Bark		40.0		--
10	ALPHA-AMYRIN	Fruit				--
0	MYRCINE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	ALPHA-PINENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	TARAXERONE	Plant				--
2	TARAXEROL	Bark		400.0		--