

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Myrica cerifera*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	SILICON	Bark				--
9	BETA-AMYRIN	Leaf				--
6	MYRISTIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	UROCADIOL	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.
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

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	ALPHA-PINENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	TARAXERONE	Plant				--
2	TARAXEROL	Bark		400.0		--
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				--
0	MYRICERON-CAFFEYOYL-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-CAFFEYOYLESTER	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.
21	LUPEOL	Leaf				--
4	PHOSPHORUS	Bark				--
13	BETULIN	Leaf				--
0	MYRICANONE	Bark				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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
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.
0	MYRICANOL	Bark		480.0		--
77	ZINC	Bark				--
7	LAURIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	STARCH	Plant				--
8	GLUTAMIC-ACID	Root				--
13	PALMITIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
53	BETA-CAROTENE	Bark				--
0	THIAMINE	Bark				--
9	BETA-AMYRIN	Fruit				--
0	PROTEIN	Seed		49000.0	-1.6438567224523035	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	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

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	KILOCALORIES	Bark		2290.0	-0.9548911719496972	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
14	POTASSIUM	Bark	427.0	1960.0	-0.8740798009975701	--
65	MAGNESIUM	Bark	107.0	490.0	-0.8592515899594639	--
0	FIBER(DIETARY)	Bark		392000.0	-0.831678930044424	--
0	FAT	Bark	1744.0	8000.0	-0.8086779671088092	--
15	FIBER	Bark		111000.0	-0.7221828980943402	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
28	CALCIUM	Bark	2442.0	11200.0	-0.7142110629614871	--
0	FAT	Seed		133000.0	-0.6973327980000504	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
6	IRON	Bark	10.0	47.0	-0.6960773901581655	--
0	FAT	Leaf		22000.0	-0.6867191610195872	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Bark	13516.0	62000.0	-0.6361004787964526	--
14	MANGANESE	Bark	1.4	6.4	-0.633758174363261	--
0	EO	Bark	436.0	4000.0	-0.6157342225469362	--
0	ASH	Bark	13080.0	60000.0	-0.5791061098941602	--
39	NIACIN	Bark	6.0	28.0	-0.5646715311970558	--
2	COBALT	Bark	1.0	3.5	-0.4435359137818475	--
24	CHROMIUM	Bark	0.3	1.5	-0.4384170629297457	--
0	EO	Plant	2000.0	4000.0	-0.4361356820223302	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FIBER(CRUDE)	Bark		111000.0	-0.4107032279018778	--
5	STARCH	Bark	13080.0	60000.0	-0.3828390779117685	--
5	ALUMINUM	Bark	33.0	151.0	-0.2025003035719614	--
60	SELENIUM	Bark	1.0	3.4	-0.14068469031161568	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ASH	Leaf		127000.0	0.14356317818211736	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Bark		782000.0	0.4581878715921525	--
1	SODIUM	Bark	166.0	760.0	0.5412869567682672	--
0	CARBOHYDRATES	Bark	189660.0	870000.0	0.8634884216443927	--
0	CARBOHYDRATES	Seed		743000.0	0.8727256764638311	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	SUGARS	Bark	19620.0	90000.0	0.9622504486493763	--
0	CARBOHYDRATES	Leaf		743000.0	1.0429881203697926	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	TIN	Bark	5.0	22.0	1.1747019769018916	--
112	ASCORBIC-ACID	Bark	143.0	656.0	1.4146859532018246	--
15	FIBER	Leaf		298000.0	1.6875471991693278	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses