

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Myrica cerifera*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	11-O-METHYL-(+,-)-MYRICANOL	Bark		40.0		--
0	5,11,17-TRI-O-ACETYL-(+,-)-MYRICANOL	Bark		160.0		--
10	ALPHA-AMYRIN	Root				--
10	ALPHA-AMYRIN	Fruit				--
10	ALPHA-AMYRIN	Leaf				--
10	ALPHA-AMYRIN	Stem				--
28	ALPHA-PINENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	ALUMINUM	Bark	33.0	151.0	-0.2025003035719614	--
112	ASCORBIC-ACID	Bark	143.0	656.0	1.4146859532018246	--
0	ASH	Bark	13080.0	60000.0	-0.5791061098941602	--
0	ASH	Leaf		127000.0	0.14356317818211736	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
9	BETA-AMYRIN	Fruit				--
9	BETA-AMYRIN	Leaf				--
9	BETA-AMYRIN	Stem				--
53	BETA-CAROTENE	Bark				--
13	BETULIN	Stem				--
13	BETULIN	Root				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
13	BETULIN	Leaf				--
13	BETULIN	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
28	CALCIUM	Bark	2442.0	11200.0	-0.7142110629614871	--
0	CARBOHYDRATES	Seed		743000.0	0.8727256764638311	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	CARBOHYDRATES	Leaf		743000.0	1.0429881203697926	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Bark	189660.0	870000.0	0.8634884216443927	--
24	CHROMIUM	Bark	0.3	1.5	-0.4384170629297457	--
2	COBALT	Bark	1.0	3.5	-0.4435359137818475	--
0	EO	Bark	436.0	4000.0	-0.6157342225469362	--
0	EO	Plant	2000.0	4000.0	-0.4361356820223302	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FAT	Seed		133000.0	-0.6973327980000504	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	FAT	Leaf		22000.0	-0.6867191610195872	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	FAT	Bark	1744.0	8000.0	-0.8086779671088092	--
15	FIBER	Leaf		298000.0	1.6875471991693278	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Bark		111000.0	-0.7221828980943402	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FIBER(CRUDE)	Bark		111000.0	-0.4107032279018778	--
0	FIBER(DIETARY)	Bark		392000.0	-0.831678930044424	--
62	GALLIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
11	GAMMA-TERPINENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
8	GLUTAMIC-ACID	Root				--
0	GUM	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
6	IRON	Bark	10.0	47.0	-0.6960773901581655	--

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.
7	LAURIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
60	LIMONENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	LINALOL	Leaf				--
53	LINALOOL	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
21	LUPEOL	Root				--
21	LUPEOL	Fruit				--
21	LUPEOL	Leaf				--
21	LUPEOL	Stem				--
65	MAGNESIUM	Bark	107.0	490.0	-0.8592515899594639	--
14	MANGANESE	Bark	1.4	6.4	-0.633758174363261	--
0	MIMULINE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	MYRCINE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
0	MYRICANOL	Bark		480.0		--
0	MYRICANONE	Bark				--
0	MYRICERON-CAFFEYOYL-ESTER	Branches				--
0	MYRICERONE-CAFFEYOYLESTER	Bark				--
34	MYRICETIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	MYRICITRIN	Plant				--
6	MYRISTIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
39	NIACIN	Bark	6.0	28.0	-0.5646715311970558	--
13	PALMITIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
26	PHENOL	Bark				--
4	PHOSPHORUS	Bark				--
14	POTASSIUM	Bark	427.0	1960.0	-0.8740798009975701	--
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	PROTEIN	Bark	13516.0	62000.0	-0.6361004787964526	--
0	RESIN	Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
15	RIBOFLAVIN	Bark				--
60	SELENIUM	Bark	1.0	3.4	-0.14068469031161568	--
4	SILICON	Bark				--
1	SODIUM	Bark	166.0	760.0	0.5412869567682672	--
5	STARCH	Bark	13080.0	60000.0	-0.3828390779117685	--
5	STARCH	Plant				--
8	STEARIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	SUGARS	Bark	19620.0	90000.0	0.9622504486493763	--
41	TANNIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	TANNINS	Bark		39000.0	-1.0	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	TARAXEROL	Bark		400.0		--
2	TARAXEROL	Plant				--
0	TARAXERONE	Plant				--
31	THIAMIN	Bark				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	THIAMINE	Bark				--
4	TIN	Bark	5.0	22.0	1.1747019769018916	--
1	UROCADIOL	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	WATER	Bark		782000.0	0.4581878715921525	--
0	WAX	Fruit	5000.0	10000.0	-1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
77	ZINC	Bark				--