

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Myrica cerifera*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
77	ZINC	Bark				--
0	WAX	Fruit	5000.0	10000.0	-1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Bark		782000.0	0.4581878715921525	--
1	UROCADIOL	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	TIN	Bark	5.0	22.0	1.1747019769018916	--
0	THIAMINE	Bark				--
31	THIAMIN	Bark				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	TARAXERONE	Plant				--
2	TARAXEROL	Bark		400.0		--
2	TARAXEROL	Plant				--
0	TANNINS	Bark		39000.0	-1.0	--
41	TANNIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	SUGARS	Bark	19620.0	90000.0	0.9622504486493763	--
8	STEARIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	STARCH	Bark	13080.0	60000.0	-0.3828390779117685	--
5	STARCH	Plant				--
1	SODIUM	Bark	166.0	760.0	0.5412869567682672	--
4	SILICON	Bark				--
60	SELENIUM	Bark	1.0	3.4	-0.14068469031161568	--
15	RIBOFLAVIN	Bark				--
0	RESIN	Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	--
14	POTASSIUM	Bark	427.0	1960.0	-0.8740798009975701	--
4	PHOSPHORUS	Bark				--
26	PHENOL	Bark				--
13	PALMITIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
39	NIACIN	Bark	6.0	28.0	-0.5646715311970558	--
6	MYRISTIC-ACID	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
13	MYRICITRIN	Plant				--
34	MYRICETIN	Plant				--
0	MYRICERONE-CAFFEYOYLESTER	Bark				--
0	MYRICERON-CAFFEYOYLESTER	Branches				--
0	MYRICANONE	Bark				--
0	MYRICANOL	Bark		480.0		--
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	MYRCINE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	MIMULINE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
14	MANGANESE	Bark	1.4	6.4	-0.633758174363261	--
65	MAGNESIUM	Bark	107.0	490.0	-0.8592515899594639	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
21	LUPEOL	Root				--
21	LUPEOL	Fruit				--
21	LUPEOL	Leaf				--
21	LUPEOL	Stem				--
53	LINALOOL	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	LINALOL	Leaf				--
60	LIMONENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
7	LAURIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	KILOCALORIES	Bark		2290.0	-0.9548911719496972	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
6	IRON	Bark	10.0	47.0	-0.6960773901581655	--
0	GUM	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
8	GLUTAMIC-ACID	Root				--
11	GAMMA-TERPINENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
62	GALLIC-ACID	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FIBER(DIETARY)	Bark		392000.0	-0.831678930044424	--
0	FIBER(CRUDE)	Bark		111000.0	-0.4107032279018778	--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	--
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.
2	COBALT	Bark	1.0	3.5	-0.4435359137818475	--
24	CHROMIUM	Bark	0.3	1.5	-0.4384170629297457	--
0	CARBOHYDRATES	Seed		743000.0	0.8727256764638311	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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	--
28	CALCIUM	Bark	2442.0	11200.0	-0.7142110629614871	--
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.
53	BETA-CAROTENE	Bark				--
9	BETA-AMYRIN	Fruit				--
9	BETA-AMYRIN	Leaf				--
9	BETA-AMYRIN	Stem				--
0	ASH	Leaf		127000.0	0.14356317818211736	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	ASH	Bark	13080.0	60000.0	-0.5791061098941602	--
112	ASCORBIC-ACID	Bark	143.0	656.0	1.4146859532018246	--
5	ALUMINUM	Bark	33.0	151.0	-0.2025003035719614	--
28	ALPHA-PINENE	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
10	ALPHA-AMYRIN	Root				--
10	ALPHA-AMYRIN	Fruit				--
10	ALPHA-AMYRIN	Leaf				--
10	ALPHA-AMYRIN	Stem				--
0	5,11,17-TRI-O-ACETYL-(+,-)-MYRICANOL	Bark		160.0		--
0	11-O-METHYL-(+,-)-MYRICANOL	Bark		40.0		--