

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Chrysophyllum cainito*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Fruit	30.0	640.0	-0.24469573012689724	--
0	ASH	Seed		37500.0	-0.3122092169415902	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	ASH	Fruit	3000.0	22000.0	-0.8976301135791823	--
53	BETA-CAROTENE	Fruit	0.0	0.9	-0.14906094534614023	--
28	CALCIUM	Fruit	75.0	1220.0	-0.6083504354455737	--
0	CARBOHYDRATES	Fruit	145000.0	886000.0	0.5514266620111699	--
1	DEXTROSE	Seed		24000.0	-1.0	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	FAT	Fruit	7000.0	93000.0	0.0690744295750786	--
0	FAT	Seed		66000.0	-1.0502457638458838	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
15	FIBER	Fruit	5500.0	108000.0	-0.31778652128419577	--
6	IRON	Fruit	4.0	47.0	-0.3410518502014339	--
0	KILOCALORIES	Fruit	672.0	3950.0	0.43962151635573377	--
0	LUCUMIN	Seed		12000.0		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	LYSIN	Fruit	220.0	670.0		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
15	METHIONINE	Fruit	20.0	60.0	-1.1064651615067513	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
39	NIACIN	Fruit	9.0	58.0	-0.03606909116912605	--
4	PHOSPHORUS	Fruit	160.0	985.0	-0.6776418436266239	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	POTASSIUM	Fruit	1400.0	7565.0	-0.9158353624192475	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	POUTERIN	Seed		37.0		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	PROTEIN	Fruit	7200.0	71035.0	-0.5156204792440159	--
15	RIBOFLAVIN	Fruit	0.2	1.7	-0.708741537879139	--
0	SAPONIN	Seed		1900.0	-0.8086815598698317	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
1	SODIUM	Fruit	50.0	270.0	-0.15834698968796948	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
31	THIAMIN	Fruit	0.1	2.3	-0.3882028866690472	--
29	TRYPTOPHAN	Fruit	40.0	120.0	-1.025143350581469	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	WATER	Fruit	784000.0	857000.0	0.37578078706770984	--