

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Chrysophyllum cainito*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Fruit	30	640	-0.24469573012689724	
0	ASH	Fruit	3000	22000	-0.8976301135791823	
0	ASH	Seed	37500	37500	-0.3122092169415902	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
53	BETA-CAROTENE	Fruit	--	0.9	-0.14906094534614023	
28	CALCIUM	Fruit	75	1220	-0.6083504354455737	
0	CARBOHYDRATES	Fruit	145000	886000	0.5514266620111699	
1	DEXTROSE	Seed	24000	24000	-1	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	FAT	Fruit	7000	93000	0.0690744295750786	
0	FAT	Seed	66000	66000	-1.0502457638458838	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
15	FIBER	Fruit	5500	108000	-0.31778652128419577	
6	IRON	Fruit	4	47	-0.3410518502014339	
0	KILOCALORIES	Fruit	672	3950	0.43962151635573377	
0	LUCUMIN	Seed	12000	12000		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	LYSIN	Fruit	220	670		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	METHIONINE	Fruit	20	60	-1.1064651615067513	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
39	NIACIN	Fruit	9	58	-0.03606909116912605	
4	PHOSPHORUS	Fruit	160	985	-0.6776418436266239	
14	POTASSIUM	Fruit	1400	7565	-0.9158353624192475	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	POUTERIN	Seed	37	37		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	PROTEIN	Fruit	7200	71035	-0.5156204792440159	
15	RIBOFLAVIN	Fruit	0.2	1.7	-0.708741537879139	
0	SAPONIN	Seed	1900	1900	-0.8086815598698317	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
1	SODIUM	Fruit	50	270	-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	120	-1.025143350581469	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	WATER	Fruit	784000	857000	0.37578078706770984	