

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 | Seed | | 66000.0 | -1.0502457638458838 | 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 | -- |
| 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 | -- |

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|------------------|------------|------------|----------|----------|----------------------|--|
| 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 | -- |