

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Manilkara zapota

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---------------|---------------|----------|----------|----------------------|--|
| 112 | ASCORBIC-ACID | Fruit | 90.0 | 625.0 | -0.2456283850178379 | -- |
| 0 | ASH | Fruit | 4000.0 | 24000.0 | -0.845839418727013 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 53 | BETA-CAROTENE | Fruit | 0.2 | 1.0 | -0.14886764714786266 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 28 | CALCIUM | Fruit | 240.0 | 1300.0 | -0.5898896055857143 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 0 | CAOUTCHOUC | Latex Exudate | | 150000.0 | 1.985886068879241 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 0 | CARBOHYDRATES | Fruit | 191000.0 | 923000.0 | 0.7492846765204131 | -- |
| 0 | FAT | Fruit | 7000.0 | 44000.0 | -0.30518362902338564 | -- |
| 15 | FIBER | Fruit | 16000.0 | 106000.0 | -0.33665948267817225 | -- |
| 8 | FRUCTOSE | Fruit | 44700.0 | 71300.0 | 0.22074702834050203 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 7 | GLUCOSE | Fruit | | 58400.0 | -0.2752793057803867 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 6 | IRON | Fruit | 6.0 | 40.0 | -0.36881896356286026 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 0 | KILOCALORIES | Fruit | 760.0 | 3760.0 | 0.15104433459047947 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 39 | NIACIN | Fruit | 2.0 | 10.0 | -0.6777457900100793 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 4 | PHOSPHORUS | Fruit | 100.0 | 530.0 | -0.8158434473451911 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 14 | POTASSIUM | Fruit | 1810.0 | 8745.0 | -0.811436484773646 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 0 | PROTEIN | Fruit | 4000.0 | 20000.0 | -1.1997668463807476 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|------------|---------------|----------|----------|----------------------|--|
| 0 | RESIN | Latex Exudate | | 380000.0 | -0.25740027846190383 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 15 | RIBOFLAVIN | Fruit | 0.0 | 0.4 | -0.987158174804869 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 0 | SAPONIN | Seed | | 10000.0 | -0.7308405541069601 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 0 | SAPOTIN | Seed | | 800.0 | | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 1 | SODIUM | Fruit | 30.0 | 145.0 | -0.17020059930324233 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 5 | STARCH | Fruit | 29800.0 | 64000.0 | -0.3588305561605348 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 14 | SUCROSE | Fruit | 14800.0 | 87500.0 | -0.12641839300679644 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 35 | TANNIN | Fruit | 31600.0 | 64500.0 | -0.2894083913825676 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 31 | THIAMIN | Fruit | 0.0 | 0.4 | -0.6314129407546821 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 0 | WATER | Fruit | 690000.0 | 793000.0 | 0.09750279643385566 | -- |