

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CELLULOSE

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|----------------------|-----------|----------|----------|-----------------------|--|
| Crotalaria juncea | Stem | | 800100.0 | 1.203766115000349 | -- |
| Albizia lebbeck | Wood | | 769000.0 | 1.2693511208847965 | Wealth of India. |
| Ceiba pentandra | Wood | | 683000.0 | 0.6840830724390937 | -- |
| Boehmeria nivea | Stem | | 659000.0 | 0.04093134439412383 | -- |
| Juncus effusus | Leaf | | 640000.0 | 1.4141969182025307 | -- |
| Abies spectabilis | Wood | | 630000.0 | 0.32339462397836977 | Wealth of India. |
| Oryza sativa | Plant | 340000.0 | 534600.0 | 1.878590737597453 | -- |
| Arundo donax | Stem | 446000.0 | 503000.0 | -1.2446974593944737 | -- |
| Areca catechu | Hull Husk | | 476000.0 | 1.297771369046101 | -- |
| Sorbus aucubaria | Wood | | 464400.0 | -0.8035866414007976 | -- |
| Drimys winteri | Wood | 353000.0 | 366000.0 | -1.4732421759014624 | -- |
| Avena sativa | Hull Husk | | 350000.0 | -0.16222142113076254 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Hordeum vulgare | Plant | 190000.0 | 322000.0 | 0.14010383620503333 | Jim Duke's personal files.* |
| Avena sativa | Plant | | 305000.0 | 0.0010903022272763664 | Jim Duke's personal files.* |
| Glycyrrhiza glabra | Root | | 300000.0 | 1.0 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Glycyrrhiza glabra | Plant | | 300000.0 | -0.03979603129559332 | -- |
| Xylopiya aethiopyca | Seed | | 295500.0 | 1.9142193434968362 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Prosopis juliflora | Fruit | | 272400.0 | 2.217469111785237 | -- |
| Oenothera biennis | Seed | | 270000.0 | 1.6470502589214908 | -- |
| Cocos nucifera | Hull Husk | | 266000.0 | -1.1355499479153377 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Artemisia herba-alba | Plant | | 244300.0 | -0.4952697867403617 | -- |
| Ammi majus | Seed | | 224000.0 | 1.1650981847855737 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------|---------|----------|----------|----------------------|--|
| Oryza sativa | Petiole | 190000.0 | 210000.0 | | -- |
| Hibiscus sabdariffa | Seed | | 168000.0 | 0.5783739206201094 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Linum usitatissimum | Seed | 93000.0 | 147000.0 | 0.3583523215580603 | -- |
| Portulaca oleracea | Herb | 105000.0 | 132000.0 | | -- |
| Portulaca oleracea | Je | 105000.0 | 132000.0 | | -- |
| Bixa orellana | Plant | | 123300.0 | -1.4847190579938083 | Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50. |
| Morus alba | Leaf | 86000.0 | 106000.0 | -0.7011564552432713 | -- |
| Urtica dioica | Leaf | | 103000.0 | -0.7130404629592589 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Pisum sativum | Seed | 74000.0 | 96000.0 | -0.17598584759263042 | -- |
| Theobroma cacao | Seed | | 90000.0 | -0.23884916161035874 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Cichorium intybus | Root | | 50000.0 | -1.0 | -- |
| Arachis hypogaea | Seed | 20000.0 | 50000.0 | -0.6579379217285475 | -- |
| Quercus suber | Cork | 18000.0 | 50000.0 | | -- |
| Quisqualis indica | Seed | 39000.0 | 41711.0 | -0.7447835900440392 | -- |
| Annona cherimola | Fruit | | 41000.0 | -0.23121784821048635 | -- |
| Astragalus gummifer | Gum | 10000.0 | 40000.0 | | -- |
| Ceratonia siliqua | Seed | | 32500.0 | -0.8412892542802549 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Tamarindus indica | Fruit | 18000.0 | 32000.0 | -0.32645632115759743 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Gossypium sp | Seed | | 21500.0 | -0.9565386633127568 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------------|-------|---------|----------|---------------------|---|
| Castanea sativa | Seed | | 21000.0 | -0.9617772728142342 | -- |
| Allium sativum var. sativum | Bulb | 6000.0 | 18000.0 | | LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic-The Science and therapeutic application of Allium sativum L. and related species. Williams & Wilkins, Baltimore. 329 pp. |
| Physalis ixocarpa | Fruit | | 13300.0 | -0.5243407038365949 | -- |
| Opuntia ficus-indica | Fruit | | 13000.0 | -0.5275153196014987 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Lepidium sativum | Seed | | 9150.0 | -1.0859323179992477 | -- |
| Ananas comosus | Fruit | 4300.0 | 5400.0 | -0.6079389189790592 | -- |
| Uncaria catechu | Plant | | | | -- |
| Humulus lupulus | Stem | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Acacia decurrens | Plant | | | | -- |
| Coffea arabica | Seed | | | | -- |
| Helianthus annuus | Seed | | | | -- |
| Cydonia oblonga | Seed | | | | -- |
| Ceratonia siliqua | Fruit | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Corylus avellana | Wood | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Salix alba | Bark | | | | Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp. |
| Theobroma cacao | Plant | | | | -- |
| Lycopersicon esculentum | Fruit | | | | -- |
| Ailanthus altissima | Bark | | | | -- |

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|---------------------|-------|---------|----------|--------|--|
| Musa x paradisiaca | Fruit | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Allium ampeloprasum | Plant | | | | -- |
| Helianthus annuus | Fruit | | | | -- |
| Anabasis aphylla | Plant | | | | -- |
| Ribes nigrum | Fruit | | | | -- |
| Acacia melanoxylon | Plant | | | | -- |
| Cola acuminata | Plant | | | | -- |
| Solanum tuberosum | Plant | | | | -- |
| Zea mays | Plant | | | | -- |
| Acacia nilotica | Plant | | | | -- |
| Nicotiana tabacum | Leaf | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Sinapis alba | Seed | | | | -- |