

## Chemid

SILICA

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

| Plant                 | Part  | Low PPM | High PPM | StdDev              | Reference  |
|-----------------------|-------|---------|----------|---------------------|--|
| Avena sativa          | Plant | --      | 36000    | -0.6150458899014142 | Wealth of India.   |
| Bixa orellana         | Plant | --      | 2200     | -1.2488431788851886 | 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. |
| Camellia sinensis     | Leaf  | 240     | 240      | -1.3846840400200573 | --   |
| Cichorium intybus     | Leaf  | --      | 27800    | 0.9413150747474829  | --   |
| Equisetum arvense     | Plant | 50000   | 97000    | 0.5287894541225573  | --   |
| Equisetum arvense     | Shoot | --      | 78000    | 1.1184137772414295  | Jim Duke's personal files.   |
| Galeopsis segetum     | Shoot | 6000    | 10000    | -1.3087820797506096 | Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.                                    |
| Linum usitatissimum   | Seed  | 322     | 608      | -1                  | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.           |
| Mangifera indica      | Seed  | 4100    | 4100     | 1                   | --   |
| Melaleuca leucadendra | Wood  | 2000    | 9500     |                     | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.               |

| Plant               | Part  | Low PPM | High PPM | StdDev              | Reference  |
|---------------------|-------|---------|----------|---------------------|--|
| Musa x paradisiaca  | Fruit | --      | 238      | -0.9833969454855744 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Oryza sativa        | Plant | 140000  | 140000   | 1.3350996146640455  | --   |
| Phyllanthus emblica | Fruit | 235     | 1163     | -0.3884707358229476 | --   |
| Piper nigrum        | Fruit | 750     | 3900     | 1.371867681308522   | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Pueraria montana    | Shoot | 15000   | 5200     | 0.19036830250917935 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Tephrosia purpurea  | Leaf  | 21900   | 21900    | 0.4433689652725741  | --   |