

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for GAMMA-TOCOPHEROL

| Plant                  | Part      | Low PPM | High PPM | StdDev              | Reference  |
|------------------------|-----------|---------|----------|---------------------|--|
| Abelmoschus esculentus | Oil       |         | 430.0    | 0.23400336123986246 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.   |
| Arachis hypogaea       | Oil       |         | 35.0     | -1.2122905286423604 | --   |
| Brassica rapa          | Oil       |         | 486.0    | 0.43904755828645614 | --   |
| Calendula officinalis  | Leaf      |         |          |                     | --   |
| Carthamus tinctorius   | Oil       |         | 26.0     | -1.245244060310563  | --   |
| Cocos nucifera         | Oil       |         |          |                     | --   |
| Coffea arabica         | Seed      |         |          |                     | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.    |
| Cucurbita pepo         | Seed      |         |          |                     | --   |
| Elettaria cardamomum   | Seed      |         |          |                     | --   |
| Ginkgo biloba          | Leaf      |         | 140.0    |                     | Jim Duke's personal files.   |
| Glycine max            | Oil       |         | 699.0    | 1.21894780776725    | --   |
| Glycine max            | Embryo    |         |          |                     | --   |
| Glycine max            | Seed Coat |         |          |                     | --   |
| Glycine max            | Seed      |         | 140.0    | -0.6133327216885034 | Abstract (See species file)  |
| Glycine max            | Cotyledon |         |          |                     | --   |
| Helianthus annuus      | Oil       |         | 27.0     | -1.241582556791874  | --   |
| Hibiscus sabdariffa    | Seed      |         | 1490.0   | 0.4109961537087907  | --   |
| Juglans regia          | Seed      | 172.0   | 3675.0   | 2.0688914075925595  | --   |
| Juglans nigra          | Seed      | 172.0   | 180.0    | -0.5829822364915465 | Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.) |
| Linum usitatissimum    | Seed Oil  |         |          |                     | --   |
| Linum usitatissimum    | Oil       |         | 573.0    | 0.7575983644124141  | --   |
| Mentha x piperita      | Leaf      |         |          |                     | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.    |

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| Mentha x piperita | Plant         |         |          |                     | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705. |
| Moringa oleifera  | Seed          |         |          |                     | --   |
| Oenothera biennis | Seed          | 28.0    | 200.0    | -0.5678069938930681 | --   |
| Olea europaea     | Oil           |         | 13.0     | -1.2928436060535222 | --   |
| Origanum vulgare  | Leaf          |         |          |                     | --   |
| Oryza sativa      | Seed          |         |          |                     | --   |
| Populus nigra     | Inflorescence |         |          |                     | --   |
| Prunus dulcis     | Seed          |         | 5.0      | -0.7157656092282327 | --   |
| Punica granatum   | Seed          |         |          |                     | --   |
| Ricinus communis  | Oil           |         | 459.0    | 0.34018696328184844 | --   |
| Sesamum indicum   | Seed Oil      | 60.0    | 70.0     |                     | --   |
| Triticum aestivum | Oil           | 39.0    | 527.0    | 0.5891692025527122  | --   |
| Zea mays          | Oil           |         | 752.0    | 1.413007494257776   | --   |