

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ETHANOL

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------|-------------|---------|----------|---------------------|--|
| <i>Psidium guajava</i> | Fruit | | 258000.0 | 1.0 | -- |
| <i>Telosma cordata</i> | Flower | | 3283.0 | | K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of <i>Telosma cordata</i> Merrill flowers, <i>Flavour Fragr. J.</i> , Vol 8, 221-223. |
| <i>Citrus sinensis</i> | Fruit Juice | 64.0 | 900.0 | 1.0 | -- |
| <i>Cymbopogon nardus</i> | Plant | 75.0 | 300.0 | | List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Satureja cuneifolia</i> | Shoot | | 255.0 | 2.235430622626959 | Tumen, G. 1991. The Volatile Constituents of <i>Satureja cuneifolia</i> . <i>J. Ess. Oil Res.</i> , 3: 365-366. |
| <i>Citrus reticulata</i> | Fruit | 0.0 | 183.0 | -1.0 | Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i> |
| <i>Micromeria congesta</i> | Leaf | 1.0 | 35.0 | | Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393. |
| <i>Citrus mitis</i> | Fruit Juice | | 11.0 | -1.0 | -- |
| <i>Origanum minutiflorum</i> | Shoot | 0.1 | 7.0 | -0.3963604735585896 | Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of <i>Origanum minutiflorum</i> O. Schwarz and P.H. Davis. <i>J. Ess. Oil Res.</i> 3: 445-446. |
| <i>Ephedra sinica</i> | Shoot | | 2.0 | -0.4494207779171692 | -- |
| <i>Nepeta racemosa</i> | Shoot | | 1.0 | -0.4600328387888851 | Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7. |
| <i>Nepeta racemosa</i> | Shoot | | 1.0 | -0.4600328387888851 | Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7. |
| <i>Rheum palmatum</i> | Rhizome | | 0.5 | | -- |
| <i>Micromeria myrtifolia</i> | Shoot | | 0.1 | -0.4695836935734295 | Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of <i>Micromeria myrtifolia</i> Boiss. et Hohen. <i>J. Ess. Oil Res.</i> , 4: 79-80. |
| <i>Glycine max</i> | Plant | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------------|---------------------|---------|----------|--------|--|
| Cucumis melo | Petiole | | | | -- |
| Petroselinum crispum | Leaf | | | | -- |
| Nicotiana tabacum | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Annona muricata | Plant | | | | -- |
| Citrus aurantium | Plant | | | | -- |
| Petroselinum crispum | Plant | | | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| Zea mays | Silk Stigma Style | | | | -- |
| Panax ginseng | Shoot | | | | -- |
| Datura stramonium | Plant | | | | -- |
| Carica papaya | Fruit | | | | Jim Duke's personal files. |
| Brassica oleracea var. botrytis l. | Plant | | | | -- |
| Hibiscus sabdariffa | Fruit | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| Chrysanthemum x morifolium | Plant | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Hibiscus sabdariffa | Leaf | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| Hibiscus sabdariffa | Seed | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| Liquidambar orientalis | Resin, Exudate, Sap | | | | -- |
| Pelargonium graveolens | Essential Oil | | | | -- |
| Malus domestica | Plant | | | | -- |
| Mentha spicata | Essential Oil | | | | -- |
| Citrullus lanatus | Fruit Juice | | | | -- |
| Artemisia pallens | Plant | | | | -- |
| Liquidambar styraciflua | Resin, Exudate, Sap | | | | -- |
| Brassica oleracea var. botrytis l. | Flower | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|--------------------------------|---------------------|---------|----------|--------|--|
| Allium cepa | Bulb | | | | -- |
| Abelmoschus esculentus | Fruit | | | | Wealth of India. |
| Rosmarinus officinalis | Plant | | | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| Ficus carica | Fruit | | | | -- |
| Lycopersicon esculentum | Fruit | | | | -- |
| Angelica archangelica | Root | | | | -- |
| Brassica oleracea var. italica | Plant | | | | Jim Duke's personal files. |
| Eucalyptus globulus | Leaf | | | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| Ribes nigrum | Fruit | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Mentha spicata | Leaf | | | | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705. |
| Rubus idaeus | Plant | | | | -- |
| Boronia megastigma | Flower | | | | -- |
| Rosmarinus officinalis | Resin, Exudate, Sap | | | | -- |
| Rosa damascena | Essential Oil | | | | -- |
| Prunus persica | Fruit | | | | -- |
| Daucus carota | Root | | | | -- |
| Acorus calamus | Rhizome | | | | -- |