

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PHENYL-ACETALDEHYDE

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------|-------------------|---------|----------|---------------------|--|
| Carthamus tinctorius | Flower | | 1.22 | 0.9999999999999999 | -- |
| Lonicera japonica | Flower | 0.2 | 0.4 | -0.9999999999999999 | Schlotzhauer, W.S., S.D. Pair, and R.J. Horvat. 1996. Volatile constituents from the flowers of Japanese Honeysuckle. J. Agric. Food Chem. 44:206-209. |
| Sarracenia flava | Essential Oil | | | | -- |
| Diospyros virginiana | Fruit | | | | -- |
| Zea mays | Husk Essent. Oil | | 13000.0 | | -- |
| Zea mays | Seed Essent. Oil | | | | -- |
| Mentha spicata | Leaf | | | | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705. |
| Tagetes minuta | Plant | 65.0 | 175.0 | | -- |
| Lycopersicon esculentum | Fruit | | | | -- |
| Helianthus annuus | Flower | | | | -- |
| Sambucus nigra | Fruit | | | | -- |
| Sambucus nigra | Leaf Essent. Oil | | | | -- |
| Tamarindus indica | Fruit Essent. Oil | | 101100.0 | | -- |
| Vaccinium myrtillus | Fruit Juice | | 0.003 | | -- |
| Arctium lappa | Root | | | | -- |
| Petroselinum crispum | Leaf | | | | -- |
| Scutellaria baicalensis | Root Essent. Oil | | | | -- |
| Aspalathus linearis | Leaf Essent. Oil | | 17100.0 | | -- |
| Nicotiana tabacum | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Solanum tuberosum | Plant | | | | -- |

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|----------------------|------------------|---------|----------|--------|---|
| Hesperis matronalis | Flower | | | | Nielsen, J. K., Jakobsen, H. B., Friis, P., Hansen, K., Moller, J., Olsen, C. E. 1995. Asynchronous Rhythmus in the Emission of Volatiles from Hesperis matronalis Flowers. Phytochemistry, 38(4): 847-851. |
| Camellia sinensis | Shoot | 15200.0 | 17800.0 | | -- |
| Cynara cardunculus | Flower | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| Vanilla planifolia | Fruit | | | | -- |
| Glycyrrhiza glabra | Root | | | | Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gokeikagaku Kaishi 61(9): 1119-1122. |
| Panax ginseng | Shoot | | | | -- |
| Mentha spicata | Essential Oil | | | | -- |
| Zea mays | Silk Essent. Oil | | 1000.0 | | -- |
| Zea mays | Plant | | | | -- |
| Carthamus tinctorius | Leaf | | 0.07 | | -- |