

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for (+)-CATECHIN

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|--------------------------------|-----------------|---------|----------|--------|---|
| <i>Abutilon theophrasti</i> | Root | | | | Paszkowski, W. L., Kremer, R. J. 1988. Biological Activity and Tentative Identification of Flavonoid Components in Velvetleaf (<i>Abutilon theophrasti</i> Medik.) Seed Coats. <i>J. Chem. Ecol.</i> , 14(7): 1573-1582. |
| <i>Acacia nilotica</i> | Plant | | | | -- |
| <i>Acacia decurrens</i> | Plant | | | | -- |
| <i>Aesculus hippocastanum</i> | Bark | | | | Jim Duke's personal files. |
| <i>Aesculus hippocastanum</i> | Fruit Epidermis | | | | Jim Duke's personal files. |
| <i>Aesculus hippocastanum</i> | Leaf | | | | Jim Duke's personal files. |
| <i>Arctostaphylos uva-ursi</i> | Leaf | | | | -- |
| <i>Aspalathus linearis</i> | Shoot | | | | -- |
| <i>Camellia sinensis</i> | Tissue Culture | | | | -- |
| <i>Camellia sinensis</i> | Anther | | | | -- |
| <i>Camellia sinensis</i> | Leaf | 85.2 | 13200.0 | | -- |
| <i>Camellia sinensis</i> | Stem | | | | -- |
| <i>Ceratonia siliqua</i> | Fruit | | | | Wealth of India. |
| <i>Cinnamomum sieboldii</i> | Plant | | | | -- |
| <i>Cinnamomum aromaticum</i> | Bark | | | | Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| <i>Cnicus benedictus</i> | Plant | | | | Jim Duke's personal files. |
| <i>Crataegus rhipidophylla</i> | Flower | | | | -- |
| <i>Crataegus laevigata</i> | Bud | | | | -- |
| <i>Crataegus laevigata</i> | Flower | | | | -- |
| <i>Crataegus rhipidophylla</i> | Tissue Culture | | | | -- |
| <i>Crataegus monogyna</i> | Plant | | | | Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp. |

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|--------------------------------|----------------|---------|----------|--------|---|
| <i>Crataegus laevigata</i> | Tissue Culture | | | | -- |
| <i>Crataegus rhipidophylla</i> | Inflorescence | | | | -- |
| <i>Crataegus rhipidophylla</i> | Leaf | | | | -- |
| <i>Crataegus laevigata</i> | Leaf | | | | -- |
| <i>Crataegus laevigata</i> | Plant | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| <i>Crataegus rhipidophylla</i> | Bud | | | | -- |
| <i>Croton lechleri</i> | Plant | | | | -- |
| <i>Eucalyptus globulus</i> | Leaf | | | | -- |
| <i>Fagopyrum esculentum</i> | Tissue Culture | | | | -- |
| <i>Fagopyrum esculentum</i> | Root | | | | -- |
| <i>Fallopia japonica</i> | Root | | 2.0 | | -- |
| <i>Geranium thunbergii</i> | Tissue Culture | | | | -- |
| <i>Ginkgo biloba</i> | Tissue Culture | | | | Jim Duke's personal files. |
| <i>Ginkgo biloba</i> | Leaf | | | | Jim Duke's personal files. |
| <i>Gleditsia triacanthos</i> | Fruit | | | | -- |
| <i>Glycine max</i> | Leaf | | | | -- |
| <i>Hordeum vulgare</i> | Seed | | | | -- |
| <i>Humulus lupulus</i> | Fruit | | | | -- |
| <i>Hypericum perforatum</i> | Plant | | | | -- |
| <i>Juniperus communis</i> | Leaf | | | | -- |
| <i>Juniperus communis</i> | Fruit | | | | -- |
| <i>Laurus nobilis</i> | Leaf | | | | -- |
| <i>Malus domestica</i> | Fruit | | | | -- |
| <i>Malus domestica</i> | Seed | | | | -- |
| <i>Malus domestica</i> | Pt | | | | -- |
| <i>Malus domestica</i> | Leaf | | | | -- |

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|-------------------------|----------|---------|----------|---------------------|--|
| Malus domestica | Pericarp | | | | -- |
| Malus domestica | Bark | | | | -- |
| Pinus sylvestris | Leaf | | | | -- |
| Pinus sylvestris | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| Pinus sylvestris | Bark | | | | -- |
| Rheum palmatum | Rhizome | | 14275.0 | 1.0000000000000002 | -- |
| Rheum rhabarbarum | Root | | | | -- |
| Rheum officinale | Plant | | | | -- |
| Rheum officinale | Rhizome | | 3628.6 | -1.0000000000000002 | -- |
| Rhododendron ponticum | Leaf | | | | -- |
| Ribes uva-crispa | Fruit | | | | -- |
| Ribes nigrum | Fruit | 5500.0 | 13800.0 | 1.0 | -- |
| Rosa canina | Fruit | | | | -- |
| Rubus idaeus | Stem | | | | -- |
| Rubus idaeus | Pericarp | | | | -- |
| Rubus idaeus | Juice | | | | -- |
| Rubus idaeus | Leaf | | | | -- |
| Rumex crispus | Plant | | | | -- |
| Salix alba | Leaf | | | | -- |
| Salix alba | Bark | | | | -- |
| Sanguisorba officinalis | Plant | | | | -- |
| Terminalia catappa | Bark | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Thuja occidentalis | Branches | | | | -- |
| Vaccinium myrtillus | Leaf | | | | -- |
| Vaccinium myrtillus | Fruit | | | | -- |
| Vaccinium vitis-idaea | Fruit | | 3500.0 | -1.0 | -- |

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|----------------------|----------|---------|----------|--------|-----------|
| Vaccinium corymbosum | Plant | | | | -- |
| Vitis vinifera | Seed | | | | -- |
| Vitis vinifera | Pericarp | | | | -- |
| Vitis vinifera | Leaf | | | | -- |