

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for RUTIN

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------------|-----------------|----------|----------|----------------------|--|
| Zizyphus jujuba | Leaf | | 15000.0 | -0.0733113771794136 | -- |
| Xylopi aethiopica | Fruit | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Withania somnifera | Leaf | | | | -- |
| Vitis vinifera | Leaf | | | | -- |
| Viola tricolor | Flower | 100000.0 | 230000.0 | 2.8255051961560307 | -- |
| Viola odorata | Flower | | 20000.0 | -0.45214806529802004 | -- |
| Vigna radiata | Sprout Seedling | | | | -- |
| Vaccinium myrtillus | Leaf | | | | -- |
| Vaccinium corymbosum | Plant | | | | -- |
| Urtica dioica | Root | | | | Jim Duke's personal files. |
| Urtica dioica | Shoot | 500.0 | 6000.0 | -0.12529127545671806 | -- |
| Urtica dioica | Flower | | 7000.0 | -0.6550504100546993 | Jim Duke's personal files. |
| Urtica dioica | Leaf | | | | Jim Duke's personal files. |
| Urtica dioica | Inflorescence | | | | Jim Duke's personal files. |
| Uncaria tomentosa | Bark | | | | Van Ginkel, A. 1996. Identification of the Alkaloids and Flavonoids from Uncaria tomentosa Bark by TLC in Quality Control. Phytotherapy Research, 10: S18-S19. |
| Uncaria guianensis | Bark | | | | Van Ginkel, A. 1996. Identification of the Alkaloids and Flavonoids from Uncaria tomentosa Bark by TLC in Quality Control. Phytotherapy Research, 10: S18-S19. |
| Tussilago farfara | Flower | | 3600.0 | -0.7081171771449077 | -- |
| Trigonella foenum-graecum | Leaf | | | | -- |
| Tribulus terrestris | Shoot | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Theobroma cacao | Leaf | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------|----------------|----------|----------|--------------------|--|
| Teucrium scordium | Plant | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Teucrium scorodonia | Plant | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Terminalia chebula | Fruit | | | | Polovyanov, G. G. 1974. Flavonoids from the Fruit of the Yellow Myrobalan Plum. Chem. Nat. Comp. 10 (5): 690-. |
| Tephrosia purpurea | Leaf | | | | -- |
| Syringa vulgaris | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| Stevia rebaudiana | Tissue Culture | | 7.0 | | Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp. |
| Stellaria media | Plant | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Spinacia oleracea | Shoot | | | | -- |
| Spinacia oleracea | Leaf | | 170.0 | -0.993991147325029 | -- |
| Sorbus aucubaria | Fruit | | | | -- |
| Sophora japonica | Flower | 128000.0 | 140000.0 | 1.420796655532866 | -- |
| Sophora japonica | Leaf | 0.0 | 40000.0 | 1.4787448772804912 | -- |
| Sophora japonica | Bud | 176000.0 | 229000.0 | | -- |
| Sophora japonica | Fruit | 0.0 | 25000.0 | 2.1904049980260094 | -- |
| Solidago gigantea | Leaf | | | | -- |
| Solidago virgaurea | Leaf | | | | -- |
| Solanum tuberosum | Shoot | | | | -- |
| Solanum tuberosum | Flower | | | | -- |
| Smilax china | Leaf | | | | -- |
| Serenoa repens | Fruit | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------------|-------------|---------|----------|----------------------|--|
| Selenicereus grandiflorus | Flower | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Scopolia carniolica | Leaf | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Sambucus canadensis | Leaf | 35000.0 | 38000.0 | 1.3545803769236988 | -- |
| Sambucus canadensis | Flower | 7700.0 | 52000.0 | 0.047303860256882914 | -- |
| Sambucus nigra | Leaf | 210.0 | 9200.0 | -0.43338842821411155 | -- |
| Sambucus nigra | Flower | 19000.0 | 25000.0 | -0.37410870193006646 | -- |
| Salix alba | Leaf | | | | -- |
| Salix alba | Bark | | | | Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp. |
| Ruta graveolens | Plant | | 20000.0 | -0.38149048246186607 | -- |
| Ruscus aculeatus | Root | 91.0 | 400.0 | | -- |
| Ruscus aculeatus | Shoot | | | | -- |
| Ruscus aculeatus | Plant | 300.0 | 400.0 | -0.675753113561928 | Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp. |
| Rumex acetosella | Shoot | | 5300.0 | -0.17753743877266479 | -- |
| Rumex acetosa | Leaf | | 12800.0 | -0.20989232757188522 | -- |
| Rumex crispus | Leaf | | | | -- |
| Rubus idaeus | Plant | | | | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. |
| Rosa multiflora | Fruit | | | | -- |
| Ricinus communis | Leaf | | 2000.0 | -0.8803806294985641 | -- |
| Ribes nigrum | Fruit Juice | | | | -- |
| Ribes nigrum | Leaf | | | | -- |
| Ribes nigrum | Fruit | | | | -- |
| Rheum officinale | Plant | | 13000.0 | -0.48658427928331677 | -- |
| Rheum rhabarbarum | Leaf | | 6000.0 | -0.6320516287849793 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------|-----------------|---------|----------|----------------------|--|
| Rheum officinale | Root | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| Punica granatum | Leaf | | | | -- |
| Punica granatum | Fruit Juice | | | | -- |
| Punica granatum | Plant | | | | Seeram, N. P., Schulman, R. N., and Heber, D., eds. 2006. Pomegranates - Ancient Roots to Modern Medicine. Taylor & Francis. Boca Raton, FL. 244 pp. |
| Pueraria montana | Leaf | | | | -- |
| Pteridium aquilinum | Plant | | | | -- |
| Prunus armeniaca | Leaf | | 17700.0 | 0.09431069830225612 | -- |
| Prunus armeniaca | Fruit | | | | -- |
| Prunus spinosa | Flower | | | | -- |
| Prunus cerasus | Plant | | | | -- |
| Prunella vulgaris | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| Polygonum aviculare | Plant | | | | -- |
| Polygonum hydropiper | Leaf | 25000.0 | 30000.0 | 0.8579223754965293 | -- |
| Plumeria acutifolia | Plant | | | | -- |
| Piper nigrum | Fruit | | | | -- |
| Pimpinella anisum | Fruit | | | | -- |
| Pimpinella anisum | Seed | | | | -- |
| Physalis peruviana | Root | | | | -- |
| Phyllanthus niruri | Plant | | | | Tramil |
| Phyllanthus emblica | Fruit | | 4600.0 | -0.13011199443859983 | -- |
| Phyllanthus emblica | Leaf | | 21000.0 | 0.29918212389096355 | -- |
| Phyllanthus amarus | Shoot | | 1378.0 | -0.4702652280942977 | -- |
| Phoenix dactylifera | Pollen Or Spore | | | | Abstract (See species file) |
| Phaseolus aborigineus | Shoot | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------|----------|---------|----------|----------------------|--|
| Phaseolus vulgaris | Shoot | | | | -- |
| Petroselinum crispum | Leaf | | 30000.0 | 0.8579223754965293 | -- |
| Petroselinum crispum | Shoot | | 44480.0 | 2.746754959397039 | Varnaite, R. 1988. Rutin Content in Capsicum, Capsella, Urtica, Primula, Lepidium, Lactuca, Brassica, Anethum, Beta, Petroselinum, Allium Genera Representatives. Liet Tsr Mokslu Akad Darb Ser C, 4: 29-32. |
| Pastinaca sativa | Plant | | | | -- |
| Passiflora incarnata | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| Origanum majorana | Shoot | | | | -- |
| Origanum vulgare | Plant | | | | Stitt, Paul. Why George should eat broccoli. |
| Opuntia ficus-indica | Flower | | | | Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar. |
| Opuntia ficus-indica | Pt | | | | -- |
| Olea europaea | Pericarp | | | | Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar. |
| Ocimum basilicum | Leaf | | | | -- |
| Nigella sativa | Seed | | 200.0 | -0.8642978830410316 | -- |
| Nicotiana tabacum | Leaf | | 10000.0 | -0.38372262807139457 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Nicotiana glauca | Leaf | 12000.0 | 21000.0 | 0.29918212389096355 | -- |
| Nerium oleander | Leaf | | | | -- |
| Nelumbo nucifera | Embryo | | | | -- |
| Nasturtium officinale | Shoot | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------|-----------------|---------|----------|----------------------|--|
| Musa x paradisiaca | Fruit | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Morus alba | Leaf | 20000.0 | 60000.0 | 2.720389880848415 | -- |
| Morus alba | Fruit | | | | -- |
| Morinda citrifolia | Fruit | | 500.0 | -0.5964904095908007 | -- |
| Mercurialis annua | Plant | | | | -- |
| Menyanthes trifoliata | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Mentha x piperita | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| Melia azedarach | Leaf | | | | -- |
| Matricaria recutita | Plant | | | | -- |
| Matricaria recutita | Flower | | | | -- |
| Malus domestica | Fruit | | | | -- |
| Malus domestica | Leaf | 0.0 | 8885.0 | -0.45294433702030634 | -- |
| Malus domestica | Pericarp | | | | -- |
| Malus domestica | Fruit Juice | | | | -- |
| Malus domestica | Fruit Epidermis | | | | -- |
| Magnolia denudata | Flower | | | | -- |
| Magnolia kobus | Flower | | 500.0 | -0.7565015824330391 | -- |
| Maclura pomifera | Wood | | | | Smith, J. L. and Perino, J. V. 1981. Osage Orange (Maclura pomifera): History and Economic Uses. Economic Botany 35(1): 24-41 |
| Lycopersicon esculentum | Leaf | | 24000.0 | 0.4854288744261521 | -- |
| Lycopersicon esculentum | Fruit | | | | -- |
| Lycium chinense | Leaf | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------|--------|---------|----------|----------------------|--|
| Ligustrum lucidum | Leaf | | | | -- |
| Leonurus cardiaca | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| Laurus nobilis | Leaf | | | | -- |
| Juniperus communis | Fruit | | | | -- |
| Juniperus communis | Leaf | | | | -- |
| Illicium verum | Fruit | | | | -- |
| Ilex paraguariensis | Leaf | | | | -- |
| Hypericum perforatum | Flower | 1000.0 | 2800.0 | -0.7206034752837803 | -- |
| Hypericum perforatum | Stem | | | | -- |
| Hypericum perforatum | Leaf | 2000.0 | 3000.0 | -0.8182983793201679 | -- |
| Hypericum perforatum | Shoot | | 10000.0 | 0.17325822920583467 | -- |
| Hypericum perforatum | Plant | | 16000.0 | -0.4415440806455522 | -- |
| Hyoscyamus niger | Leaf | | | | -- |
| Hydrangea paniculata | Flower | | 41000.0 | -0.12438273915261497 | -- |
| Hydrangea arborescens | Root | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Humulus lupulus | Leaf | | 2000.0 | -0.8803806294985641 | -- |
| Humulus lupulus | Fruit | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Houttuynia cordata | Root | | | | -- |
| Houttuynia cordata | Leaf | | | | -- |
| Houttuynia cordata | Shoot | | 1200.0 | -0.48355068105178134 | -- |
| Houttuynia cordata | Plant | | | | -- |
| Hemidesmus indicus | Flower | | | | -- |
| Hedera helix | Stem | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------|---------|---------|----------|----------------------|--|
| Gossypium sp | Plant | | | | -- |
| Glycyrrhiza uralensis | Leaf | | 53.0 | -1.0012547705959014 | -- |
| Glycine max | Shoot | | | | -- |
| Glechoma hederacea | Plant | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Ginkgo biloba | Leaf | 6.0 | 30000.0 | 0.8579223754965293 | Jim Duke's personal files. |
| Ginkgo biloba | Plant | | | | Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp. |
| Galega officinalis | Shoot | | | | -- |
| Forsythia suspensa | Fruit | | | | -- |
| Forsythia suspensa | Flower | | 1000.0 | -0.7486976460962438 | -- |
| Foeniculum vulgare | Seed | | | | -- |
| Foeniculum vulgare | Fruit | | | | -- |
| Filipendula ulmaria | Plant | | | | -- |
| Filipendula ulmaria | Shoot | | | | -- |
| Ficus carica | Leaf | 500.0 | 14300.0 | -0.11676895230429095 | -- |
| Ficus carica | Fruit | | | | -- |
| Fallopia japonica | Plant | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Fagopyrum esculentum | Plant | 1000.0 | 68300.0 | 0.3436567156061438 | -- |
| Fagopyrum esculentum | Testa | | 43.0 | | -- |
| Fagopyrum esculentum | Leaf | 11600.0 | 63700.0 | 2.950094206508481 | -- |
| Fagopyrum esculentum | Seed | 87.0 | 511.0 | -0.8171633178530503 | -- |
| Fagopyrum esculentum | Flower | 40000.0 | 63700.0 | 0.2299159705378943 | -- |
| Fagopyrum esculentum | Stem | 600.0 | 50600.0 | | -- |
| Fagopyrum esculentum | Petiole | 505.0 | 975.0 | | -- |
| Euphrasia officinalis | Plant | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------|---------------|----------|----------|----------------------|--|
| Euphorbia pulcherrima | Leaf | | | | -- |
| Eupatorium perfoliatum | Plant | | | | -- |
| Eucalyptus citriodora | Leaf | | 12500.0 | -0.2285170026254041 | -- |
| Eucalyptus globulus | Leaf | | 0.0 | -1.0045451298553565 | -- |
| Eucalyptus macrorrhyncha | Plant | 120000.0 | 200000.0 | 2.320921435804009 | -- |
| Eschscholzia californica | Flower | 5000.0 | 50000.0 | 0.01608811490970148 | -- |
| Eschscholzia californica | Inflorescence | | | | -- |
| Erythroxyllum novogranatense | Leaf | | 5000.0 | -0.6941338789633755 | -- |
| Erythroxyllum coca | Leaf | | 5000.0 | -0.6941338789633755 | -- |
| Eriobotrya japonica | Leaf | | 10500.0 | -0.35268150298219647 | Jim Duke's personal files. |
| Echinacea spp | Leaf | | | | Economic & Medicinal Plant Research, 5: 253. |
| Echinacea purpurea | Leaf | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Dodonaea viscosa | Leaf | | | | -- |
| Dodonaea viscosa | Fruit | | | | -- |
| Dictamnus albus | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Datura stramonium | Plant | | | | -- |
| Cynara cardunculus | Leaf | | | | Jim Duke's personal files. |
| Cymbopogon citratus | Leaf | | | | -- |
| Cucumis melo | Plant | | | | Stitt, Paul. Why George should eat broccoli. |
| Crataegus rhipidophylla | Bud | | | | -- |
| Crataegus monogyna | Leaf | | | | -- |
| Crataegus monogyna | Flower | | | | -- |
| Crataegus monogyna | Inflorescence | | | | -- |
| Crataegus rhipidophylla | Leaf | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------|---------------|---------|----------|----------------------|---|
| Crataegus laevigata | Bud | | | | -- |
| Crataegus laevigata | Leaf | | | | -- |
| Crataegus laevigata | Plant | | | | -- |
| Crataegus pentagyna | Plant | | | | Schussler, M., Fricke, U., Nikolov, N., and Holz, J. 1991. Comparison of the Flavonoids Occurring in Crataegus species and Inhibition of 3',5'-Cyclic Adenosine Monophosphate Phosphodiesterase. Plant Medica 57: Suppl Issue 2. p.A-133. |
| Crataegus rhipidophylla | Inflorescence | | | | -- |
| Crataegus laevigata | Flower | | | | -- |
| Cornus mas | Flower | | | | Delaveau, P., Paris, R. R. 1961. Concerning the Presence of Rutoside and Gallic Derivatives from the Flowers of Cornus mas and Preliminary Research with C. sanguinea. Bull Soc Chim Biol, 43: 661-666. |
| Cornus mas | Leaf | | | | Delaveau, P., Paris, R. R. 1961. Concerning the Presence of Rutoside and Gallic Derivatives from the Flowers of Cornus mas and Preliminary Research with C. sanguinea. Bull Soc Chim Biol, 43: 661-666. |
| Coriandrum sativum | Shoot | | | | -- |
| Coriandrum sativum | Fruit | | | | -- |
| Convallaria majalis | Plant | | | | -- |
| Cnicus benedictus | Plant | | | | Jim Duke's personal files. |
| Citrus limon | Leaf | | | | Jim Duke's personal files. |
| Citrus sinensis | Pericarp | | 6100.0 | | Jim Duke's personal files. |
| Citrus limon | Fruit | 1.0 | 2.0 | -0.6531383244068485 | -- |
| Citrus sinensis | Leaf | | 9000.0 | -0.44580487824979076 | Jim Duke's personal files. |
| Citrullus lanatus | Seed | 15000.0 | 16500.0 | 1.606098941923909 | -- |
| Cichorium intybus | Leaf | | 14000.0 | -0.1353936273578098 | -- |
| Cichorium intybus | Seed | | 6400.0 | 0.07536225897017279 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|--|---------------|---------|----------|----------------------|--|
| <i>Chamaemelum nobile</i> | Plant | | | | -- |
| <i>Centaurea calcitrapa</i> | Plant | | | | -- |
| <i>Capsicum frutescens</i> | Fruit | | 487.0 | -0.597969170419332 | Varnaite, R. 1988. Rutin Content in Capsicum, Capsella, Urtica, Primula, Lepidium, Lactuca, Brassica, Anethum, Beta, Petroselinum, Allium Genera Representatives. Liet Tsr Mokslu Akad Darb Ser C, 4: 29-32. |
| <i>Capsicum annuum</i> | Fruit | | 3874.0 | -0.21269509917042856 | Varnaite, R. 1988. Rutin Content in Capsicum, Capsella, Urtica, Primula, Lepidium, Lactuca, Brassica, Anethum, Beta, Petroselinum, Allium Genera Representatives. Liet Tsr Mokslu Akad Darb Ser C, 4: 29-32. |
| <i>Capsella bursa-pastoris</i> | Plant | | | | -- |
| <i>Capparis spinosa</i> | Flower | | | | -- |
| <i>Capparis spinosa</i> | Plant | | | | -- |
| <i>Capparis spinosa</i> | Shoot | | | | -- |
| <i>Camellia sinensis</i> | Leaf | 1200.0 | 1580.0 | -0.9064551745734906 | -- |
| <i>Calendula officinalis</i> | Flower | | | | -- |
| <i>Caesalpinia pulcherrima</i> | Flower | | | | -- |
| <i>Brassica oleracea</i> var. <i>italica</i> | Leaf | | | | Stitt, Paul. Why George should eat broccoli. |
| <i>Brassica oleracea</i> var. <i>gemmifera</i> | Shoot | | 20.0 | -0.5716227849272344 | -- |
| <i>Brassica oleracea</i> var. <i>botrytis</i> l. | Leaf | | | | -- |
| <i>Berberis vulgaris</i> | Fruit | | | | Jim Duke's personal files. |
| <i>Barosma betulina</i> | Essential Oil | | | | -- |
| <i>Azadirachta indica</i> | Leaf | | | | -- |
| <i>Asparagus officinalis</i> | Root | | | | -- |
| <i>Aspalathus linearis</i> | Shoot | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Artemisia absinthium</i> | Plant | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------------|---------------|---------|----------|---------------------|--|
| Artemisia abrotanum | Plant | | | | -- |
| Artemisia dracunculus | Leaf | | | | -- |
| Artemisia dracunculus | Shoot | 100.0 | 560.0 | -0.5313186017977898 | -- |
| Artemisia vulgaris | Plant | | | | Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp. |
| Araucaria bidwillii | Flower | | | | Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar. |
| Arachis hypogaea | Plant | | | | -- |
| Apium graveolens | Plant | | 170.0 | -0.6792061954574901 | -- |
| Apium graveolens | Shoot | | 170.0 | -0.5604271785023887 | -- |
| Anethum graveolens | Leaf | | 1400.0 | -0.9176299796056019 | Varnaite, R. 1988. Rutin Content in Capsicum, Capsella, Urtica, Primula, Lepidium, Lactuca, Brassica, Anethum, Beta, Petroselinum, Allium Genera Representatives. Liet Tsr Mokslu Akad Darb Ser C, 4: 29-32. |
| Anastatica hierochuntica | Plant | | | | -- |
| Ammi visnaga | Leaf | | | | -- |
| Ammi visnaga | Flower | | | | -- |
| Amaranthus spinosus | Leaf | | | | Wealth of India. |
| Amaranthus sp. | Plant | | | | -- |
| Allium sativum var. sativum | Plant | | | | Stitt, Paul. Why George should eat broccoli. |
| Allium cepa | Bulb | | 14000.0 | | -- |
| Alisma plantago-aquatica | Leaf | | | | -- |
| Agrimonia eupatoria | Inflorescence | | 1700.0 | | -- |
| Agrimonia eupatoria | Leaf | | | | Wealth of India. |
| Agathosma betulina | Essential Oil | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Agathosma betulina | Leaf | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------------|--------|---------|----------|--------|---|
| Aesculus hippocastanum | Plant | | | | Jim Duke's personal files. |
| Aesculus hippocastanum | Flower | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Adiantum capillus-veneris | Leaf | | | | -- |
| Achillea millefolium | Plant | | | | Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in Achillea millefolium L. (Asteraceae). Economic Botany 48(2): 111-120, 1994. |
| Acacia decurrens | Plant | | | | -- |
| Acacia farnesiana | Leaf | | | | Wealth of India. |
| Acacia catechu | Plant | | | | -- |