

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CAFFEIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pyrus communis</i>	Fruit	43.0	19700.0	3.3083378697649026	--
<i>Solidago gigantea</i>	Plant		21980.0	2.3899783076745265	--
<i>Teucrium scorodonia</i>	Leaf		20000.0	2.0586797285554987	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Carum carvi</i>	Seed		2840.0	1.9446682932160153	--
<i>Ocimum basilicum</i>	Leaf		19100.0	1.933822416683755	--
<i>Euphrasia officinalis</i>	Shoot		6000.0	1.7085918936663076	Jim Duke's personal files.
<i>Thymus vulgaris</i>	Leaf		16900.0	1.6286156543306036	--
<i>Valeriana officinalis</i>	Root		5800.0	1.5698864543151345	--
<i>Origanum majorana</i>	Leaf		14100.0	1.2401706840629567	--
<i>Pimpinella anisum</i>	Seed		2060.0	1.1988438057610096	--
<i>Ipomoea purga</i>	Tuber	30000.0	40000.0	1.0	--
<i>Helianthus annuus</i>	Seed	1600.0	1800.0	0.9502356432760076	--
<i>Euphrasia officinalis</i>	Plant		11500.0	0.732750509786938	Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.
<i>Verbena officinalis</i>	Leaf		10000.0	0.6713762633139022	--
<i>Artemisia dracunculus</i>	Leaf		7640.0	0.34397264551688544	--
<i>Equisetum arvense</i>	Plant		8000.0	0.1792870276679914	--
<i>Arctium lappa</i>	Root		2500.0	0.16650294770473825	--
<i>Malus domestica</i>	Fruit	85.0	1270.0	-0.10378621224302456	--
<i>Thymus serpyllum</i>	Plant		6200.0	-0.10535133456460971	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Origanum vulgare</i>	Plant		6000.0	-0.13697781925712094	--
<i>Coriandrum sativum</i>	Fruit		770.0	-0.1963560462638582	--
<i>Stachys officinalis</i>	Plant		5000.0	-0.2951102427196771	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Hypericum perforatum</i>	Shoot		1000.0	-0.30167703804388507	--
<i>Citrus paradisi</i>	Fruit	40.0	51.0	-0.3294714675858169	--
<i>Citrus sinensis</i>	Fruit	2.0	50.0	-0.3296566072538586	--
<i>Citrus limon</i>	Fruit	21.0	35.0	-0.3324337022744836	--
<i>Fragaria</i> spp	Fruit	15.0	34.0	-0.3326188419425253	Jim Duke's personal files.
<i>Capsicum frutescens</i>	Fruit		32.0	-0.3329891212786086	--
<i>Capsicum annuum</i>	Fruit		11.0	-0.3368770543074836	--
<i>Piper nigrum</i>	Fruit		6.0	-0.33780275264769194	--
<i>Lycopersicon esculentum</i>	Fruit		6.0	-0.33780275264769194	--
<i>Elettaria cardamomum</i>	Fruit		2.0	-0.3385433113198586	--
<i>Ballota nigra</i>	Leaf		2000.0	-0.43846650887937494	--
<i>Salvia</i> sp.	Seed		306.0	-0.47830510577242674	Phenolic Compounds in Food and Their Effects on Health, 67.
<i>Foeniculum vulgare</i>	Seed	0.5	225.0	-0.5557561102389081	--
<i>Anethum graveolens</i>	Leaf		1140.0	-0.5577746068901522	--
<i>Origanum vulgare</i>	Leaf	106.0	1060.0	-0.568873034612085	--
<i>Cichorium intybus</i>	Leaf		767.0	-0.6095210261436637	--
<i>Zea mays</i>	Shoot		0.7	-0.7034493867354843	--
<i>Aspalathus linearis</i>	Shoot		0.66	-0.703465468886938	--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	0.5	77.0	-0.7052449652453338	--
<i>Vaccinium myrtillus</i>	Leaf		40.0	-0.7103779880667277	--
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Leaf		34.0	-0.7112103701458726	--
<i>Brassica pekinensis</i>	Leaf		11.0	-0.7144011681159284	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf		8.0	-0.7148173591555008	--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf		8.0	-0.7148173591555008	--
<i>Taxus baccata</i>	Leaf	0.9	4.7	-0.7152751692990306	--
<i>Allium schoenoprasum</i>	Leaf		0.5	-0.715857836754432	--
<i>Melissa officinalis</i>	Plant		2100.0	-0.75369427076109	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Arachis hypogaea	Seed		11.0	-0.7603797516688712	--
Juglans regia	Seed	1.0	6.0	-0.7651606778705059	--
Triticum aestivum	Seed	3.0	4.0	-0.7670730483511597	--
Glycine max	Seed	1.0	4.0	-0.7670730483511597	--
Raphanus sativus	Root		91.0	-0.8579670121208511	--
Coleus barbatus	Root		42.9	-0.8784223898990208	Jim Duke's personal files.
Hypericum perforatum	Plant		1000.0	-0.927639936569902	--
Solanum tuberosum	Tuber	18.0	1400.0	-1.0	--
Myristica fragrans	Plant		16.0	-1.0832422412570573	--
Juglans nigra	Seed				--
Echinacea spp	Plant				--
Annona muricata	Plant				--
Convallaria majalis	Plant				--
Carica papaya	Leaf				Jim Duke's personal files.
Crataegus rhipidophylla	Inflorescence				--
Crataegus rhipidophylla	Flower				--
Crataegus rhipidophylla	Leaf				--
Crataegus rhipidophylla	Shoot				--
Spartium junceum	Plant				--
Crataegus rhipidophylla	Bud				--
Lycopus virginicus	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.
Stachys officinalis	Shoot				--
Santolina chamaecyparissus	Plant				--
Clematis vitalba	Plant				--
Rubus idaeus	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Humulus lupulus	Plant				--
Sambucus nigra	Plant				--
Vaccinium vitis-idaea	Leaf				--
Corylus americana	Seed				Senter, S. D., Horvat, R. J., Forbus, W. R. 1983. Comparative GLC-MS Analysis of Phenolic Acids of Selected Tree Nuts. J. Food Science, 48(3): 798-799.
Taraxacum officinale	Plant				--
Althaea officinalis	Leaf				--
Datura stramonium	Plant				--
Coffea arabica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ligustrum japonicum	Flower				--
Albizia lebbek	Leaf				Wealth of India.
Coriandrum sativum	Leaf				--
Cinnamomum verum	Bark		6.0		--
Ocimum basilicum	Tissue Culture				--
Lactuca sativa	Plant				--
Tagetes patula	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Allium cepa	Leaf				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
Catalpa bignonioides	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Allium cepa	Root				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
Cichorium intybus	Shoot				--
Anethum graveolens	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimpinella anisum	Plant				--
Prunus cerasus	Plant				--
Hordeum vulgare	Fruit				--
Cucurbita pepo	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Conyza canadensis	Plant				--
Mentha x rotundifolia	Shoot				Jim Duke's personal files.
Artemisia abrotanum	Plant				--
Prunus dulcis	Plant				--
Apium graveolens	Seed				Wealth of India.
Coffea arabica	Fruit				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Taraxacum officinale	Flower				--
Polypodium vulgare	Rhizome				--
Scopolia carniolica	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Euphorbia hirta	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Crataegus laevigata	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Viburnum opulus	Branches				--
Sophora japonica	Plant				--
Vitis vinifera	Leaf				--
Equisetum arvense	Shoot				Jim Duke's personal files.
Juniperus communis	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vitis vinifera	Root				--
Juniperus communis	Fruit				--
Citrullus lanatus	Seed				--
Gentiana lutea	Root				--
Cnicus benedictus	Plant				Jim Duke's personal files.
Punica granatum	Plant				--
Dipsacus fullonum	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rosmarinus officinalis	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Cimicifuga dahurica	Rhizome				--
Senna obtusifolia	Seed				--
Dodonaea viscosa	Plant				--
Vaccinium myrtillus	Fruit				--
Vaccinium myrtillus	Fruit Juice				--
Allium cepa	Bulb				--
Ipomoea batatas	Root				--
Centaurium erythraea	Plant				--
Astragalus membranaceus	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Trifolium pratense	Leaf				--
Ananas comosus	Fruit				Wealth of India.
Origanum majorana	Shoot				--
Solanum torvum	Plant				--
Artemisia dracunculus	Shoot				--
Stellaria media	Shoot				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cynara cardunculus</i>	Flower				--
<i>Menyanthes trifoliata</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Salvia officinalis</i>	Inflorescence				--
<i>Apium graveolens</i>	Root				--
<i>Theobroma cacao</i>	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Valeriana officinalis</i>	Plant				--
<i>Hyssopus officinalis</i>	Plant				Jim Duke's personal files.
<i>Beta vulgaris</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Oenothera biennis</i>	Leaf				--
<i>Kalanchoe pinnata</i>	Plant				--
<i>Papaver somniferum</i>	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<i>Cinnamomum camphora</i>	Plant				--
<i>Juglans regia</i>	Testa	15.0	115.0		--
<i>Origanum vulgare</i>	Shoot				--
<i>Arctostaphylos uva-ursi</i>	Plant				--
<i>Arctostaphylos uva-ursi</i>	Leaf				--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb	10.0	20.0		--
<i>Crataegus monogyna</i>	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Magnolia kobus</i>	Plant				--
<i>Citrus sinensis</i>	Fruit Juice				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Actaea dahurica	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
Foeniculum vulgare	Fruit				--
Vitis vinifera	Fruit				--
Cucumis sativus	Fruit				--
Curcuma longa	Rhizome		5.0		--
Pteridium aquilinum	Plant				--
Urtica dioica	Plant				--
Angelica archangelica	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Sanguisorba minor	Plant				--
Punica granatum	Fruit Juice				--
Populus balsamifera	Essential Oil				--
Solanum tuberosum	Tuber Epidermis				--
Punica granatum	Leaf				--
Elaeagnus angustifolia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solanum tuberosum	Root Bark				--
Solanum tuberosum	Flower				--
Agrimonia eupatoria	Plant				--
Levisticum officinale	Root				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Glechoma hederacea	Plant				--
Ribes nigrum	Fruit				--
Armoracia rusticana	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.
Euphorbia pulcherrima	Plant				--
Zea mays	Sprout Seedling				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosa canina	Stem				--
Rosa canina	Tissue Culture				--
Mentha x piperita	Shoot				--
Coccinia grandis	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Elaeagnus angustifolia	Fruit				Kusova, R. D., Kazakov, A. L., Luk'yanchikov, M. S. 1988. Phenolic Compounds From Fruit of Elaeagnus angustifolia. Chem. Nat. Comp. 24 3: 392-393. Pyatigorsk Farm Inst Pyatigorsk USSR.
Actaea cimicifuga	Rhizome				--
Ceiba pentandra	Leaf				--
Apium graveolens	Leaf				--
Papaver somniferum	Pericarp				--
Marrubium vulgare	Plant				--
Prunus serotina	Plant				--
Eucalyptus globulus	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Cinchona spp	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
Malus domestica	Fruit Juice				--
Prunus armeniaca	Plant				--
Allium ampeloprasum	Plant				--
Rheum officinale	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Aconitum napellus	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Helianthus annuus	Pollen Or Spore		4.0		--
Juglans regia	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Magnolia officinalis	Plant				--
Prunus laurocerasus	Plant				--
Phaseolus vulgaris	Shoot				--
Phaseolus vulgaris	Leaf				--
Phaseolus vulgaris	Fruit				--
Castanea sativa	Leaf				--
Perilla frutescens	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Peucedanum ostruthium	Root				--
Moringa oleifera	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Adonis vernalis	Plant				--
Cyamopsis tetragonoloba	Seed				Kaushal, G. P., Bhatia, I. S. 1982. A Study of Polyphenols in the Seeds and Leaves of Guar (Cyamopsis tetragonoloba L. Taub). J Sci Food Agr, 33: 461-470.
Pisum sativum	Plant				--
Avena sativa	Plant				Stitt, Paul. Why George should eat broccoli.
Cichorium endivia	Leaf				--
Crataegus laevigata	Leaf				--
Erythroxylum coca	Leaf				--
Urtica dioica	Leaf				Jim Duke's personal files.
Vicia faba	Plant				--
Daucus carota	Root				--
Berberis vulgaris	Fruit				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Medicago sativa	Tissue Culture				--
Centaurea cyanus	Flower				Jim Duke's personal files.
Equisetum hyemale	Plant				--
Helichrysum angustifolium	Plant				--
Rhododendron ponticum	Plant				--
Centaurea cyanus	Shoot				Jim Duke's personal files.
Prunus domestica	Plant				--
Zingiber officinale	Rhizome				--
Anethum graveolens	Fruit				--
Eleutherococcus senticosus	Root				--
Cinchona pubescens	Bark				--
Chamaemelum nobile	Plant				--
Morus alba	Plant				--
Cinchona pubescens	Leaf				--
Sorbus aucubaria	Fruit				--
Calendula officinalis	Plant				--
Cola acuminata	Plant				--
Ficus carica	Plant				--
Solanum melongena	Fruit				--
Rubus idaeus	Fruit				Phenolic Compounds in Food and Their Effects on Health. Antioxidants & Cancer Prevention. Huang, M.T., Ho, C.T. and Lee, C.Y. eds. 1992. ACS Symposium Series 507.ACS, Washington 402 pp.
Olea europaea	Fruit				--
Viscum album	Plant				--
Trifolium pratense	Flower				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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cynara cardunculus</i>	Leaf				Jim Duke's personal files.
<i>Spinacia oleracea</i>	Shoot				--
<i>Berberis vulgaris</i>	Plant				--
<i>Spinacia oleracea</i>	Leaf				--
<i>Harpagophytum procumbens</i>	Root				--
<i>Althaea officinalis</i>	Flower				--
<i>Rosmarinus officinalis</i>	Shoot				--
<i>Althaea officinalis</i>	Root				--
<i>Lycopodium clavatum</i>	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<i>Tanacetum vulgare</i>	Plant				--
<i>Gaultheria procumbens</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Conium maculatum</i>	Plant				--
<i>Prunus spinosa</i>	Plant				--
<i>Eriobotrya japonica</i>	Plant				--
<i>Sambucus simpsonii</i>	Flower				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<i>Melilotus officinalis</i>	Plant				Pharmazie, 46: 156, 1991.
<i>Matricaria recutita</i>	Plant				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
<i>Salvia officinalis</i>	Shoot				--
<i>Plantago major</i>	Plant				--
<i>Brassica nigra</i>	Seed				Jim Duke's personal files.
<i>Panax ginseng</i>	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Prunus persica</i>	Leaf				--
<i>Inonotus obliquus</i>	Plant				--
<i>Vaccinium corymbosum</i>	Plant				--
<i>Digitalis purpurea</i>	Leaf				--
<i>Lycopus europeus</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pinus sylvestris</i>	Leaf				--
<i>Melilotus officinalis</i>	Shoot				--
<i>Tilia sp.</i>	Flower				--
<i>Teucrium chamaedrys</i>	Plant				Abstract (See species file)
<i>Achillea millefolium</i>	Plant				--
<i>Tecoma stans</i>	Plant				--
<i>Citrullus colocynthis</i>	Fruit				--
<i>Cucumis melo</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Artemisia capillaris</i>	Plant				--
<i>Portulaca oleracea</i>	Plant				--
<i>Solidago virgaurea</i>	Flower				--
<i>Arnica montana</i>	Flower				--
<i>Symphytum officinale</i>	Root				--
<i>Nicotiana tabacum</i>	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Satureja montana</i>	Shoot				--
<i>Crataegus laevigata</i>	Flower				--
<i>Petroselinum crispum</i>	Stem				--
<i>Crataegus laevigata</i>	Shoot				--
<i>Fagopyrum esculentum</i>	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Crataegus laevigata	Bud				--
Coriandrum sativum	Shoot				--
Hordeum vulgare	Seed				--
Melia azedarach	Plant				--
Persea americana	Fruit				--
Sesamum indicum	Fruit				--
Camellia sinensis	Plant				--
Sesamum indicum	Leaf				--
Asimina triloba	Leaf				--
Laurus nobilis	Fruit				--
Origanum majorana	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rheum rhabarbarum	Pt		8.0		--
Laurus nobilis	Leaf				--