Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for MERCURY

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acanthopanax gracilistylis	Root Bark	0.11	0.11		--
Albizia julibrissin	Bark	0.07	0.07	-0.5885278434107653	--
Alisma plantago-aquatica	Rhizome	0.01	0.01	-0.9636241116594312	--
Allium cepa	Bulb	0	0.001	-1	--
Amomum xanthioides	Seed	0.1	0.1	-0.12385851994600533	--
Anacardium occidentale	Seed	0.01	0.01	-0.6911494509964113	--
Anethum graveolens	Plant	0.003	0.06	-0.5009617770057098	ACTA AGRIC SCAND SUPPL 22: 1980
Apium graveolens	Root	0	0.027	-0.41503552911844144	ACTA AGRIC SCAND SUPPL 22: 1980
Arachis hypogaea	Seed	--	--		--
Arctium lappa	Root	1.27	1.27	4.056631483285861	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Areca catechu	Seed	0.03	0.03	-0.5650847996518767	--
Armoracia rusticana	Root	--	0.001	-0.508569995990937	ACTA AGRIC SCAND SUPPL 22: 1980
Artemisia capillaris	Plant	0.05	0.05	-0.5015252885658961	--
Asiasarum heterotropoides	Root	0.19	0.19	0.17135362858220324	--
Asiasarum sieboldii	Root	0.19	0.19	0.17135362858220324	--
Asparagus lucidus	Root	0.01	0.01	-0.4761926805350732	--
Asparagus officinalis	Shoot	0.001	0.001	-1.4142135623730954	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Bertholletia excelsa	Seed	0.01	0.01	-0.6911494509964113	Furr, A.K., et al. 1979
Beta vulgaris	Root	0	0.016	-0.45460780356449726	ACTA AGRIC SCAND SUPPL 22: 1980
Bletilla striata	Tuber	0.03	0.03	-1	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Brassica napus var. napobrassica	Root	0	0.01	-0.4761926805350732	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica oleracea var. botrytis l.	Leaf	0.002	0.09	1.1722789664445759	--
Brassica oleracea var. botrytis l.	Flower	0	0.025	-0.9374693023756843	--
Brassica oleracea var. capitata l.	Leaf	0	0.013	-0.7852856690881739	--
Brassica oleracea var. italica	Leaf	0.002	0.09	1.1722789664445759	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica pekinensis	Leaf	0	0.002	-1.0649377598785665	--
Brassica rapa	Root	0.001	0.01	-0.4761926805350732	--
Broussonetia papyrifera	Fruit	0.06	0.06	1.96936088758008	--
Bupleurum chinense	Root	0.14	0.14	-0.00852034617259573	--
Capsicum annuum	Fruit	0.001	0.001	-0.7865389313824043	--
Carthamus tinctorius	Flower	0.02	0.02	-0.9956069335307655	--
Carya illinoensis	Seed	0.1	0.1	-0.12385851994600533	--
Celosia cristata	Flower	0.29	0.29	2.1438251488436184	--
Chaenomeles lagenaria	Fruit	0.05	0.05	1.5022592233491507	--
Chondrus crispus	Plant	7	7	-0.10988475423634798	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cichorium endivia	Leaf	0.002	0.002	-1.0649377598785665	--
Cinnamomum aromaticum	Plant	--	60	2.8767265147515726	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Cinnamomum aromaticum	Bark	60	60	1.7318980549844427	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Cistanche salsa	Plant	0.08	0.08	-0.49983475388533694	--
Citrus paradisi	Fruit	0	0.001	-0.7865389313824043	--
Citrus reticulata	Fruit	--	0.001	-0.7865389313824043	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus sinensis	Fruit	0	0.001	-0.7865389313824043	--
Cocos nucifera	Seed	0.1	0.1	-0.12385851994600533	Furr, A.K., et al. 1979
Corylus avellana	Seed	0.004	0.05	-0.439020148307342	--
Crataegus cuneata	Fruit	0.03	0.03	0.5680558948872912	--
Cucumis melo	Fruit	0.001	0.001	-0.7865389313824043	--
Cucumis sativus	Fruit	0	0.05	1.5022592233491507	--
Cynanchum atratum	Root	0.06	0.06	-0.2963187057802742	--
Daucus carota	Root	0.001	0.045	-0.35028089820671393	--
Dendrobium nobile	Stem	0.05	0.05	0.7071067811865479	--
Dioscorea bulbifera	Rhizome	0.02	0.02	-0.7412493166611009	--
Drynaria fortunei	Rhizome	0.06	0.06	0.14824986333222057	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Equisetum hyemale	Plant	0.08	0.08	-0.49983475388533694	--
Eriobotrya japonica	Leaf	0.02	0.02	-0.6073252476761057	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Eucommia ulmoides	Bark	0.92	0.92	-0.5556167469042421	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Firmiana simplex	Seed	0.1	0.1	-0.12385851994600533	--
Fragaria spp	Fruit	0	0.009	-0.4128575999976608	ACTA AGRIC SCAND SUPPL 22: 1980
Fraxinus rhynchophylla	Bark	0.09	0.09	-0.5877534646694353	--
Fritillaria thunbergii	Bulb	0.04	0.04	0.9999999999999998	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Fucus vesiculosus	Plant	40	40	1.7497033943787723	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Gastrodia elata	Rhizome	0.01	0.01	-0.9636241116594312	--
Hordeum vulgare	Sprout Seedling	0.07	0.07		Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Juglans cinerea	Seed	0.01	0.01	-0.6911494509964113	--
Juglans nigra	Seed	0.1	0.1	-0.12385851994600533	Furr, A.K., et al. 1979
Juncus effusus	Pith	1.41	1.41	1	--
Juniperus virginiana	Shoot	0	0.025	0.7071067811865476	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Jussiaea repens	Plant	0.31	0.31	-0.48687398800104975	--
Lactuca sativa	Leaf	0	0.04	-0.09886690078448225	--
Lonicera japonica	Flower	0.03	0.03	-0.8793316712206032	--
Lophatherum gracile	Plant	0.02	0.02	-0.5032158232464553	--
Lycium chinense	Fruit	8	0.08	2.9035642160419393	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Lycopersicon esculentum	Fruit	0.001	0.002	-0.7398287649593115	--
Lycopodium clavatum	Plant	0.07	0.07	-0.5003982654455232	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Lygodium japonicum	Pollen Or Spore	0.55	0.55		--
Magnolia denudata	Flower	0.14	0.14	0.39969621419118306	--
Magnolia fargesii	Flower	0.14	0.14	0.39969621419118306	--
Magnolia kobus	Flower	0.14	0.14	0.39969621419118306	--
Malus domestica	Fruit	0	0.02	0.10095423065636192	--
Musa x paradisiaca	Fruit	0.001	0.007	-0.5062779328438466	ACTA AGRIC SCAND SUPPL 22: 1980
Nardostachys chinensis	Rhizome	0.13	0.13	1.7048734283205331	--
Notopterygium incisum	Rhizome	0.09	0.09	0.8153742483272116	--
Oryza sativa	Seed	0.167	0.167	0.29845806205818587	--
Pastinaca sativa	Root	0.001	0.002	-0.5049725164958411	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Petroselinum crispum	Plant	0.004	0.37	-0.4834929186399312	--
Phaseolus vulgaris	Fruit	0	0.02	0.10095423065636192	ACTA AGRIC SCAND SUPPL 22: 1980
Pimenta dioica	Plant	0.05	0.05	-0.5015252885658961	--
Pinus echinata	Shoot	0	0.025	0.7071067811865476	--
Pistacia vera	Seed	0.1	0.1	-0.12385851994600533	--
Pisum sativum	Seed	0.001	0.024	-0.6029041950552372	--
Plantago asiatica	Plant	0.1	0.1	-0.498707730764964	--
Prunella vulgaris	Flower	0.06	0.06	-0.5305058842901162	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Prunus domestica	Fruit	0	0.013	-0.22601693430528877	--
Prunus dulcis	Seed	0.002	0.1	-0.12385851994600533	--
Prunus persica	Fruit	0	0.007	-0.5062779328438466	--
Pueraria pseudohirsuta	Root	0.04	0.04	-0.3682682956821939	--
Pulsatilla chinensis	Root	0.22	0.22	0.2792780134350825	--
Pyrus communis	Fruit	0	0.019	0.05424406423326892	--
Quercus stellata	Stem	0	0.025	-1.4142135623730945	--
Quisqualis indica	Fruit	0.01	0.01	-0.3661474335745678	--
Raphanus sativus	Root	0	0.014	-0.4618027625546892	--
Rheum rhabarbarum	Pt	0.002	0.14		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rhodymenia palmata	Plant	26	26	0.9607872101178122	--
Ribes nigrum	Fruit	0	0.01	-0.3661474335745678	ACTA AGRIC SCAND SUPPL 22: 1980
Ribes rubrum	Fruit	0	0.006	-0.5529880992669395	--
Ribes uva-crispa	Fruit	0	0.017	-0.039176268612917085	--
Rosa canina	Fruit	--	0.001	-0.7865389313824043	ACTA AGRIC SCAND SUPPL 22: 1980
Rubus chamaemorus	Fruit	0.001	0.006	-0.5529880992669395	--
Rubus chingii	Fruit	0.03	0.03	0.5680558948872912	--
Scutellaria baicalensis	Root	0.08	0.08	-0.22436911587835454	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Senna obtusifolia	Seed	--	--		--
Solanum melongena	Fruit	0.001	0.001	-0.7865389313824043	--
Solanum tuberosum	Tuber	0	0.05	1	--
Sophora angustifolia	Root	0.27	0.27	0.45915198818988173	--
Sophora subprostrata	Root	0.11	0.11	-0.11644473102547523	--
Sorbus aucubaria	Fruit	0.001	0.011	-0.3194372671514748	--
Spinacia oleracea	Leaf	0.003	0.11	1.6807373133361998	ACTA AGRIC SCAND SUPPL 22: 1980
Symphoricarpos orbiculatus	Stem	0	0.05	0.7071067811865479	--
Taraxacum mongolicum	Plant	0.06	0.06	-0.5009617770057098	--
Tetrapanax papyrifera	Pith	0.05	0.05	-1	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Triticum aestivum	Seed	0.079	0.079	-0.25622640385776685	--
Urtica dioica	Leaf	0.005	0.028	-0.4039419089194562	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium macrocarpon	Fruit	0.001	0.007	-0.5062779328438466	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium myrtillus	Fruit	--	0.001	-0.7865389313824043	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium vitis-idaea	Fruit	0	0.07	2.43646255181101	--
Vigna mungo	Seed	0.045	0.045	-0.47053631114347566	--
Vigna radiata	Seed	0.036	0.036	-0.5272654042485163	--
Vigna unguiculata	Seed	0	0.58	2.901693112322827	--
Vigna unguiculata	Seed	0	0.58	2.901693112322827	--
Vitis vinifera	Fruit	0	0.011	-0.3194372671514748	--
Zea mays	Seed	0	0.072	-0.30034903182835404	--