

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ARSENIC

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Acanthopanax gracilistylis</i>	Root Bark		0.23	-0.07294207637240398	--
<i>Achyranthes bidentata</i>	Root		0.26	-0.19646078895659472	--
<i>Aconitum carmichaelii</i>	Tuber		0.77	0.1671723892563164	--
<i>Acorus calamus</i>	Rhizome		1.13	1.6025541922926834	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.
<i>Albizia julibrissin</i>	Bark		0.15	-0.7071067811865482	--
<i>Alisma plantago-aquatica</i>	Rhizome		0.05	-0.4841759474586404	--
<i>Allium cepa</i>	Bulb	0.002	0.076		--
<i>Amomum xanthioides</i>	Seed		0.09	0.18945418956322616	--
<i>Anacardium occidentale</i>	Seed		0.02	-0.6237689826185465	--
<i>Anemarrhena asphodeloides</i>	Rhizome		0.14	-0.3102817691460301	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.
<i>Anethum graveolens</i>	Plant	0.01	0.06	-0.44843252644734777	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Angelica laxiflora</i>	Root		0.21	-0.19857782332035118	--
<i>Apium graveolens</i>	Root	0.01	0.09	-0.2036587057933666	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Arisaema consanguineum</i>	Rhizome		0.17	-0.2523170430418266	--
<i>Aristolochia debilis</i>	Fruit		0.21	-0.2678028524907751	--
<i>Armoracia rusticana</i>	Root	0.01	0.04	-0.20577574015712302	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Artemisia vulgaris</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Artemisia capillaris</i>	Plant		0.16	-0.44305148987388165	--
<i>Asiasarum sieboldii</i>	Root		0.68	-0.17867770030104096	--
<i>Asiasarum heterotropoides</i>	Root		0.68	-0.17867770030104096	--
<i>Asparagus officinalis</i>	Shoot	0.005	0.006		--
<i>Asparagus lucidus</i>	Root		0.16	-0.2006948576841076	--
<i>Atractylodes ovata</i>	Rhizome		0.01	-0.5614622489309118	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Belamcanda chinensis</i>	Rhizome		0.12	-0.3489249198821658	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), <i>Kaohsiung J. Med. Sci.</i> , 4: 259-272.
<i>Bertholletia excelsa</i>	Seed		0.02	-0.6237689826185465	--
<i>Beta vulgaris</i>	Root	0.01	0.08	-0.20408211266611795	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Blechnum orientale</i>	Rhizome		0.02	-0.5421406735628439	--
<i>Bletilla striata</i>	Tuber		1.35	1.4182689798197146	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), <i>Kaohsiung J. Med. Sci.</i> , 4: 259-272.
<i>Boehmeria nivea</i>	Plant				--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Flower				--
<i>Brassica rapa</i>	Root				--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf				--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf		0.01	-0.8114109228193096	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Brassica pekinensis</i>	Leaf	0.038	0.07	-0.4807226976703079	--
<i>Brassica napus</i> var. <i>napobrassica</i>	Root		0.01	-0.20704596077537676	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	0.004	0.007	-0.8279453340767596	--
<i>Broussonetia papyrifera</i>	Fruit		0.62	0.25762385426922296	--
<i>Bupleurum chinense</i>	Root		0.68	-0.17867770030104096	--
<i>Canavalia ensiformis</i>	Seed		0.02	-0.6237689826185465	--
<i>Capsicum annuum</i>	Fruit	0.004	0.015	-0.5177009203400424	--
<i>Carthamus tinctorius</i>	Flower		0.48	0.6445840747173526	--
<i>Carya illinoensis</i>	Seed		0.02	-0.6237689826185465	--
<i>Carya ovata</i>	Seed		0.02	-0.6237689826185465	--
<i>Celosia cristata</i>	Flower		0.12	-1.1404179783460853	--
<i>Chaenomeles lagenaria</i>	Fruit		0.07	-0.4472168499210183	--
<i>Chondrus crispus</i>	Plant		10.0	0.08644250895517988	Pedersen, M. 1987. <i>Nutritional Herbology</i> . Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cichorium endivia</i>	Leaf	0.04	0.048	-0.6019750468916086	--
<i>Cinnamomum burmannii</i>	Bark				--
<i>Citrus sinensis</i>	Fruit	0.001	0.154	-0.33956845146287234	--
<i>Citrus reticulata</i>	Fruit	0.04	0.3	-0.15246528271419005	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Citrus paradisi</i>	Fruit	0.001	4.4	5.101801784885793	--
<i>Citrus medica</i>	Fruit		1.64	1.5647829784038527	--
<i>Cocos nucifera</i>	Seed		0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Coptis chinensis</i>	Rhizome		0.11	-0.3682464952502336	--
<i>Coptis spp</i>	Rhizome		0.11	-0.3682464952502336	--
<i>Coptis japonica</i>	Rhizome		0.11	-0.3682464952502336	--
<i>Cornus officinalis</i>	Fruit		0.65	0.29606971086141826	--
<i>Corylus avellana</i>	Seed		0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Crataegus cuneata</i>	Fruit		0.11	-0.39595570779809175	--
<i>Cucumis melo</i>	Fruit	0.004	0.006	-0.529234677317701	--
<i>Cucumis sativus</i>	Fruit	0.003	0.25	-0.21654171036784842	--
<i>Cynanchum atratum</i>	Root		4.85	-0.0021170343637562897	--
<i>Cyperus rotundus</i>	Rhizome		0.29	-0.02045813862501304	--
<i>Daucus carota</i>	Root	0.003	1.0	-0.16512868037299994	--
<i>Dendrobium nobile</i>	Plant				--
<i>Dioscorea bulbifera</i>	Rhizome		0.37	0.13411446431952964	--
<i>Drynaria fortunei</i>	Rhizome		0.06	-0.4648543720905728	--
<i>Equisetum hyemale</i>	Root		0.12	-0.2023884851751127	--
<i>Equisetum hyemale</i>	Plant		0.12	-0.445203904503268	--
<i>Eriobotrya japonica</i>	Leaf		0.28	0.6766860903511981	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.
<i>Eriocaulon sp</i>	Leaf		0.02	-0.7562962186278094	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucommia ulmoides</i>	Bark		0.24	1.4142135623730951	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.
<i>Fallopia japonica</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Firmiana simplex</i>	Seed		0.3	2.6291237061085453	--
<i>Fragaria spp</i>	Fruit		0.01	-0.5241085631054083	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Fraxinus rhynchophylla</i>	Bark		0.15	-0.7071067811865482	--
<i>Fucus vesiculosus</i>	Plant		68.0	3.207443721565502	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Gardenia jasminoides</i>	Fruit		0.05	-0.4728474209824816	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.
<i>Gastrodia elata</i>	Rhizome		0.07	-0.44553279672250495	--
<i>Gentiana scabra</i>	Root		1.06	-0.16258823913649229	--
<i>Glechoma hederacea</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Glycyrrhiza uralensis</i>	Root		0.3	-0.19476716146558964	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.
<i>Hordeum vulgare</i>	Sprout Seedling		0.01		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.
<i>Hyoscyamus niger</i>	Seed		0.29	2.5129489672254346	--
<i>Isatis tinctoria</i>	Root		132.0	5.381501352668795	--
<i>Juglans nigra</i>	Seed		0.03	-0.5075942437354362	Furr, A.K., et al. 1979
<i>Juglans cinerea</i>	Seed		0.02	-0.6237689826185465	--
<i>Juncus effusus</i>	Pith		0.33		--
<i>Jussiaea repens</i>	Plant		1.0	-0.39785078265676665	--
<i>Lablab purpureus</i>	Seed		0.02	-0.6237689826185465	--
<i>Lactuca sativa</i>	Leaf	0.001	0.58	2.330127216096206	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ligustrum lucidum	Fruit		0.6	0.23199328320775964	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.
Ligustrum japonicum	Fruit		0.6	0.23199328320775964	--
Linum usitatissimum	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Lonicera japonica	Flower		0.09	-1.2891681494347051	--
Lophatherum gracile	Plant		0.12	-0.445203904503268	--
Lycium chinense	Fruit		0.44	0.02694871471605311	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.
Lycium chinense	Root Bark		0.73	1.9532267117499267	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	0.003	0.043	-0.4818181208539938	--
Lycopodium clavatum	Plant		0.49	-0.4252940691814437	--
Lygodium japonicum	Pollen Or Spore		1.17		--
Magnolia fargesii	Flower		0.55	0.9916678072574657	--
Magnolia denudata	Flower		0.55	0.9916678072574657	--
Magnolia kobus	Flower		0.55	0.9916678072574657	--
Malus domestica	Fruit	0.001	0.43	0.014133429185321438	--
Morinda sp	Root		0.26	-0.19646078895659472	--
Morus alba	Root Bark		0.1	-0.59974596128421	--
Musa x paradisiaca	Fruit	0.04	0.35	-0.08838885506053196	ACTA AGRIC SCAND SUPPL 22: 1980
Myristica fragrans	Seed		0.01	-0.7399437215016571	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.
Nardostachys chinensis	Rhizome		2.11	3.496068578363329	--
Nelumbo nucifera	Seed		0.11	0.4218036673294472	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Notopterygium incisum</i>	Rhizome		0.13	-0.32960334451409795	--
<i>Ophiopogon japonicus</i>	Tuber		0.05	-1.3859130335120398	--
<i>Oryza sativa</i>	Seed		0.211	1.5951685300488623	--
<i>Paeonia lactiflora</i>	Root		0.12	-0.2023884851751127	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.
<i>Paeonia suffruticosa</i>	Root Bark		0.09	-0.6402693370466567	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.
<i>Paeonia moutan</i>	Root Bark		0.09	-0.6402693370466567	--
<i>Panax ginseng</i>	Root				--
<i>Panax quinquefolius</i>	Plant	0.25	0.44	-0.4279845874681766	--
<i>Pastinaca sativa</i>	Root		0.01	-0.20704596077537676	--
<i>Petasites japonicus</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Petroselinum crispum</i>	Plant	0.01	0.21	-0.44036097158714854	--
<i>Peucedanum decursivum</i>	Plant				--
<i>Phaseolus vulgaris</i>	Fruit	0.003	0.01	-0.5241085631054083	--
<i>Phaseolus vulgaris</i>	Seed	0.002	0.003	-0.8212660387198343	--
<i>Pistacia vera</i>	Seed		0.02	-0.6237689826185465	--
<i>Pisum sativum</i>	Seed	0.01	0.04	-0.39141950485232585	--
<i>Plantago asiatica</i>	Plant		1.71	-0.35964542298515745	--
<i>Platycodon grandiflorum</i>	Root		0.29	-0.19519056833834098	--
<i>Polygala tenuifolia</i>	Root		0.12	-0.2023884851751127	--
<i>Polygonum multiflorum</i>	Rhizome		0.11	-0.3682464952502336	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.
<i>Polystichum polyblepharum</i>	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Prunella vulgaris</i>	Flower		0.37	0.09916678072574664	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.
<i>Prunus dulcis</i>	Seed		0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Prunus domestica</i>	Fruit	0.001	0.51	0.11665571343117484	--
<i>Prunus persica</i>	Fruit	0.001	0.053	-0.46900283532326215	--
<i>Pueraria pseudohirsuta</i>	Root		0.26	-0.19646078895659472	--
<i>Pulsatilla chinensis</i>	Root		1.14	-0.15920098415448194	--
<i>Pyrus communis</i>	Fruit	0.001	0.06	-0.46003213545175	--
<i>Quercus rubra</i>	Seed		0.02	-0.6237689826185465	--
<i>Quisqualis indica</i>	Fruit		0.01	-0.5241085631054083	--
<i>Raphanus sativus</i>	Root				--
<i>Rheum rhabarbarum</i>	Pt		0.01		--
<i>Rhodymenia palmata</i>	Plant		33.0	1.3240809208523767	--
<i>Ribes uva-crispa</i>	Fruit				--
<i>Ribes rubrum</i>	Fruit	0.01	0.18	-0.30624870908297014	--
<i>Ribes nigrum</i>	Fruit	0.01	0.06	-0.46003213545175	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Rosa laevigata</i>	Fruit		0.17	-0.31906399461370166	--
<i>Rubia cordifolia</i>	Root		1.1	-0.16089461164548705	--
<i>Rubus chamaemorus</i>	Fruit				--
<i>Rubus chingii</i>	Fruit		0.14	-0.3575098512058967	--
<i>Salvia miltiorrhiza</i>	Root		0.34	-0.19307353397458454	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.
<i>Schisandra chinensis</i>	Fruit		0.18	-0.30624870908297014	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.
<i>Scrophularia buergeriana</i>	Root		0.13	-0.2019650783023615	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Scutellaria baicalensis	Root		0.18	-0.19984804393860506	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.
Siegesbeckia orientalis	Plant		0.25	-0.4382085569577622	--
Sinapis alba	Seed		0.05	-0.2752447659692153	--
Solanum tuberosum	Tuber	0.001	0.6	-0.1995283355639898	--
Solanum melongena	Fruit	0.004	0.004	-0.5317977344238474	--
Sophora subprostrata	Root		0.23	-0.19773100957484863	--
Sophora angustifolia	Root		0.49	-0.18672243088331536	--
Sorbus aucubaria	Fruit	0.01	0.04	-0.4856627065132133	--
Spinacia oleracea	Leaf	0.02	0.29	0.7318007945426982	ACTA AGRIC SCAND SUPPL 22: 1980
Taraxacum officinale	Leaf				Chem. & Pharm. Bull. 38: 2205.
Taraxacum mongolicum	Plant		1.95	-0.34673093520883896	--
Tragopogon porrifolius	Root		0.11	-0.20281189204786404	--
Triticum aestivum	Seed		0.079	0.06166197679180489	--
Tussilago farfara	Flower		0.09	-1.2891681494347051	--
Urtica dioica	Leaf	0.02	0.11	-0.26026388090430685	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium vitis-idaea	Fruit				--
Vaccinium myrtillus	Fruit		0.01	-0.5241085631054083	ACTA AGRIC SCAND SUPPL 22: 1980
Vicia faba	Fruit	0.2	1.4	1.2572161256662924	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna radiata	Seed		0.09	0.18945418956322616	--
Vigna mungo	Seed		0.162	1.0259123095216214	--
Vitis vinifera	Fruit	0.001	0.889	0.6023550350459049	--
Zea mays	Seed	0.001	0.211	1.5951685300488623	--