

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for ARSENIC

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acanthopanax gracilistylis	Root Bark	0.23	0.23	-0.07294207637240398	--
Achyranthes bidentata	Root	0.26	0.26	-0.19646078895659472	--
Aconitum carmichaelii	Tuber	0.77	0.77	0.1671723892563164	--
Acorus calamus	Rhizome	1.13	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.
Albizia julibrissin	Bark	0.15	0.15	-0.7071067811865482	--
Alisma plantago-aquatica	Rhizome	0.05	0.05	-0.4841759474586404	--
Allium cepa	Bulb	0.002	0.076		--
Amomum xanthioides	Seed	0.09	0.09	0.18945418956322616	--
Anacardium occidentale	Seed	0.02	0.02	-0.6237689826185465	--
Anemarrhena asphodeloides	Rhizome	0.14	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.
Anethum graveolens	Plant	0.01	0.06	-0.44843252644734777	ACTA AGRIC SCAND SUPPL 22: 1980
Angelica laxiflora	Root	0.21	0.21	-0.19857782332035118	--
Apium graveolens	Root	0.01	0.09	-0.2036587057933666	ACTA AGRIC SCAND SUPPL 22: 1980
Arisaema consanguineum	Rhizome	0.17	0.17	-0.2523170430418266	--
Aristolochia debilis	Fruit	0.21	0.21	-0.2678028524907751	--
Armoracia rusticana	Root	0.01	0.04	-0.20577574015712302	ACTA AGRIC SCAND SUPPL 22: 1980

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Artemisia capillaris</i>	Plant	0.16	0.16	-0.44305148987388165	--
<i>Artemisia vulgaris</i>	Plant	--	--		Chem. & Pharm. Bull. 38: 2205.
<i>Asiasarum heterotropoides</i>	Root	0.68	0.68	-0.17867770030104096	--
<i>Asiasarum sieboldii</i>	Root	0.68	0.68	-0.17867770030104096	--
<i>Asparagus lucidus</i>	Root	0.16	0.16	-0.2006948576841076	--
<i>Asparagus officinalis</i>	Shoot	0.005	0.006		--
<i>Atractylodes ovata</i>	Rhizome	0.01	0.01	-0.5614622489309118	--
<i>Belamcanda chinensis</i>	Rhizome	0.12	0.12	-0.3489249198821658	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>Bertholletia excelsa</i>	Seed	0.02	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	0.02	-0.5421406735628439	--
<i>Bletilla striata</i>	Tuber	1.35	1.35	1.4182689798197146	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>Boehmeria nivea</i>	Plant	--	--		--
<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>botrytis</i> l.	Leaf	--	--		--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Flower	--	--		--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	0.004	0.007	-0.8279453340767596	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. italica	Leaf	--	0.01	-0.8114109228193096	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica pekinensis	Leaf	0.038	0.07	-0.4807226976703079	--
Brassica rapa	Root	--	--		--
Broussonetia papyrifera	Fruit	0.62	0.62	0.25762385426922296	--
Bupleurum chinense	Root	0.68	0.68	-0.17867770030104096	--
Canavalia ensiformis	Seed	0.02	0.02	-0.6237689826185465	--
Capsicum annum	Fruit	0.004	0.015	-0.5177009203400424	--
Carthamus tinctorius	Flower	0.48	0.48	0.6445840747173526	--
Carya illinoensis	Seed	0.02	0.02	-0.6237689826185465	--
Carya ovata	Seed	0.02	0.02	-0.6237689826185465	--
Celosia cristata	Flower	0.12	0.12	-1.1404179783460853	--
Chaenomeles lagenaria	Fruit	0.07	0.07	-0.4472168499210183	--
Chondrus crispus	Plant	10	10	0.08644250895517988	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cichorium endivia	Leaf	0.04	0.048	-0.6019750468916086	--
Cinnamomum burmannii	Bark	--	--		--
Citrus medica	Fruit	1.64	1.64	1.5647829784038527	--
Citrus paradisi	Fruit	0.001	4.4	5.101801784885793	--
Citrus reticulata	Fruit	0.04	0.3	-0.15246528271419005	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus sinensis	Fruit	0.001	0.154	-0.33956845146287234	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cocos nucifera</i>	Seed	0.02	0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Coptis chinensis</i>	Rhizome	0.11	0.11	-0.3682464952502336	--
<i>Coptis japonica</i>	Rhizome	0.11	0.11	-0.3682464952502336	--
<i>Coptis spp</i>	Rhizome	0.11	0.11	-0.3682464952502336	--
<i>Cornus officinalis</i>	Fruit	0.65	0.65	0.29606971086141826	--
<i>Corylus avellana</i>	Seed	0.02	0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Crataegus cuneata</i>	Fruit	0.11	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	4.85	-0.0021170343637562897	--
<i>Cyperus rotundus</i>	Rhizome	0.29	0.29	-0.02045813862501304	--
<i>Daucus carota</i>	Root	0.003	1	-0.16512868037299994	--
<i>Dendrobium nobile</i>	Plant	--	--		--
<i>Dioscorea bulbifera</i>	Rhizome	0.37	0.37	0.13411446431952964	--
<i>Drynaria fortunei</i>	Rhizome	0.06	0.06	-0.4648543720905728	--
<i>Equisetum hyemale</i>	Plant	0.12	0.12	-0.445203904503268	--
<i>Equisetum hyemale</i>	Root	0.12	0.12	-0.2023884851751127	--
<i>Eriobotrya japonica</i>	Leaf	0.28	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eriocaulon sp	Leaf	0.02	0.02	-0.7562962186278094	--
Eucommia ulmoides	Bark	0.24	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.
Fallopia japonica	Plant	--	--		Chem. & Pharm. Bull. 38: 2205.
Firmiana simplex	Seed	0.3	0.3	2.6291237061085453	--
Fragaria spp	Fruit	--	0.01	-0.5241085631054083	ACTA AGRIC SCAND SUPPL 22: 1980
Fraxinus rhynchophylla	Bark	0.15	0.15	-0.7071067811865482	--
Fucus vesiculosus	Plant	68	68	3.207443721565502	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Gardenia jasminoides	Fruit	0.05	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.
Gastrodia elata	Rhizome	0.07	0.07	-0.44553279672250495	--
Gentiana scabra	Root	1.06	1.06	-0.16258823913649229	--
Glechoma hederacea	Plant	--	--		Chem. & Pharm. Bull. 38: 2205.
Glycyrrhiza uralensis	Root	0.29	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.
Hordeum vulgare	Sprout Seedling	0.01	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.
Hyoscyamus niger	Seed	0.29	0.29	2.5129489672254346	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Isatis tinctoria	Root	132	132	5.381501352668795	--
Juglans cinerea	Seed	0.02	0.02	-0.6237689826185465	--
Juglans nigra	Seed	0.03	0.03	-0.5075942437354362	Furr, A.K., et al. 1979
Juncus effusus	Pith	0.33	0.33		--
Jussiaea repens	Plant	1	1	-0.39785078265676665	--
Lablab purpureus	Seed	0.02	0.02	-0.6237689826185465	--
Lactuca sativa	Leaf	0.001	0.58	2.330127216096206	--
Ligustrum japonicum	Fruit	0.6	0.6	0.23199328320775964	--
Ligustrum lucidum	Fruit	0.6	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.
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	0.09	-1.2891681494347051	--
Lophatherum gracile	Plant	0.12	0.12	-0.445203904503268	--
Lycium chinense	Fruit	0.44	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	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	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lycopodium clavatum	Plant	0.49	0.49	-0.4252940691814437	--
Lygodium japonicum	Pollen Or Spore	1.17	1.17		--
Magnolia denudata	Flower	0.55	0.55	0.9916678072574657	--
Magnolia fargesii	Flower	0.55	0.55	0.9916678072574657	--
Magnolia kobus	Flower	0.55	0.55	0.9916678072574657	--
Malus domestica	Fruit	0.001	0.43	0.014133429185321438	--
Morinda sp	Root	0.26	0.26	-0.19646078895659472	--
Morus alba	Root Bark	0.1	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	0.01	-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	2.11	3.496068578363329	--
Nelumbo nucifera	Seed	0.11	0.11	0.4218036673294472	--
Notopterygium incisum	Rhizome	0.13	0.13	-0.32960334451409795	--
Ophiopogon japonicus	Tuber	0.05	0.05	-1.3859130335120398	--
Oryza sativa	Seed	0.211	0.211	1.5951685300488623	--
Paeonia lactiflora	Root	0.12	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.
Paeonia moutan	Root Bark	0.09	0.09	-0.6402693370466567	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Paeonia suffruticosa</i>	Root Bark	0.09	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>Panax ginseng</i>	Root	--	--		--
<i>Panax quinquefolius</i>	Plant	0.25	0.44	-0.4279845874681766	--
<i>Pastinaca sativa</i>	Root	0.01	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	0.002	-0.8212660387198343	--
<i>Pistacia vera</i>	Seed	0.02	0.02	-0.6237689826185465	--
<i>Pisum sativum</i>	Seed	0.01	0.04	-0.39141950485232585	--
<i>Plantago asiatica</i>	Plant	1.71	1.71	-0.35964542298515745	--
<i>Platycodon grandiflorum</i>	Root	0.29	0.29	-0.19519056833834098	--
<i>Polygala tenuifolia</i>	Root	0.12	0.12	-0.2023884851751127	--
<i>Polygonum multiflorum</i>	Rhizome	0.11	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	0.37	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 domestica</i>	Fruit	0.001	0.51	0.11665571343117484	--
<i>Prunus dulcis</i>	Seed	0.02	0.02	-0.6237689826185465	Furr, A.K., et al. 1979
<i>Prunus persica</i>	Fruit	0.001	0.053	-0.46900283532326215	--
<i>Pueraria pseudohirsuta</i>	Root	0.26	0.26	-0.19646078895659472	--
<i>Pulsatilla chinensis</i>	Root	1.14	1.14	-0.15920098415448194	--
<i>Pyrus communis</i>	Fruit	0.001	0.06	-0.46003213545175	--
<i>Quercus rubra</i>	Seed	0.02	0.02	-0.6237689826185465	--
<i>Quisqualis indica</i>	Fruit	0.01	0.01	-0.5241085631054083	--
<i>Raphanus sativus</i>	Root	--	--		--
<i>Rheum rhabarbarum</i>	Pt	0.01	0.01		--
<i>Rhodymenia palmata</i>	Plant	33	33	1.3240809208523767	--
<i>Ribes nigrum</i>	Fruit	0.01	0.06	-0.46003213545175	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Ribes rubrum</i>	Fruit	0.01	0.18	-0.30624870908297014	--
<i>Ribes uva-crispa</i>	Fruit	--	--		--
<i>Rosa laevigata</i>	Fruit	0.17	0.17	-0.31906399461370166	--
<i>Rubia cordifolia</i>	Root	1.1	1.1	-0.16089461164548705	--
<i>Rubus chamaemorus</i>	Fruit	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rubus chingii	Fruit	0.14	0.14	-0.3575098512058967	--
Salvia miltiorrhiza	Root	0.34	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.
Schisandra chinensis	Fruit	0.18	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.
Scrophularia buergeriana	Root	0.13	0.13	-0.2019650783023615	--
Scutellaria baicalensis	Root	0.18	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	0.25	-0.4382085569577622	--
Sinapis alba	Seed	0.05	0.05	-0.2752447659692153	--
Solanum melongena	Fruit	0.004	0.004	-0.5317977344238474	--
Solanum tuberosum	Tuber	0.001	0.6	-0.1995283355639898	--
Sophora angustifolia	Root	0.49	0.49	-0.18672243088331536	--
Sophora subprostrata	Root	0.23	0.23	-0.19773100957484863	--
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 mongolicum	Plant	1.95	1.95	-0.34673093520883896	--
Taraxacum officinale	Leaf	--	--		Chem. & Pharm. Bull. 38: 2205.
Tragopogon porrifolius	Root	0.11	0.11	-0.20281189204786404	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Triticum aestivum	Seed	0.079	0.079	0.06166197679180489	--
Tussilago farfara	Flower	0.09	0.09	-1.2891681494347051	--
Urtica dioica	Leaf	0.02	0.11	-0.26026388090430685	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium myrtillus	Fruit	0.01	0.01	-0.5241085631054083	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium vitis-idaea	Fruit	--	--		--
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 mungo	Seed	0.162	0.162	1.0259123095216214	--
Vigna radiata	Seed	0.09	0.09	0.18945418956322616	--
Vitis vinifera	Fruit	0.001	0.889	0.6023550350459049	--
Zea mays	Seed	0.001	0.211	1.5951685300488623	--