

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Plants for ZINC**

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Abelmoschus esculentus</i>	Fruit	6	60	0.8935039976101535	USDA's Ag Handbook 8 and sequelae)
<i>Abelmoschus manihot</i>	Leaf	12.5	108	0.136029778251821	--
<i>Acanthopanax gracilistylis</i>	Root Bark	19	19	0.4103913408340613	--
<i>Achillea millefolium</i>	Plant	--	--		--
<i>Achyranthes bidentata</i>	Root	16	51	1.1747363149474581	--
<i>Aconitum carmichaelii</i>	Tuber	13	13	-0.8165520080950929	--
<i>Acorus calamus</i>	Rhizome	--	--		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>Actaea dahurica</i>	Rhizome	--	18	-0.3944378740006705	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
<i>Actaea racemosa</i>	Root	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Agathosma betulina</i>	Leaf	84	84	-0.01125863721237699	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Akebia quinata</i>	Stem	10	10	-1.5798716186082722	--
<i>Albizia julibrissin</i>	Bark	7	8	-0.4644439198315651	--
<i>Alisma plantago-aquatica</i>	Rhizome	54	68	-0.12850079606062845	--
<i>Allium ampeloprasum</i>	Plant	--	--		--
<i>Allium cepa</i>	Bulb	2	53	1.4104984605249231	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium cepa	Seed	34	34	-0.31604114389068755	--
Allium sativum var. sativum	Bulb	15.3	15.3	-0.616532999263753	--
Allium sativum var. sativum	Root	--	--		--
Alocasia macrorrhiza	Root	15	51	1.1747363149474581	--
Aloe spp.	Leaf	--	1.1	-0.5200173722949603	--
Aloe vera	Leaf	11	770	4.198735238139277	--
Althaea officinalis	Root	--	--		--
Amaranthus sp.	Leaf	9	108	0.136029778251821	--
Amomum xanthioides	Seed	48	48	0.08142163294753811	--
Amorphophallus campanulatus	Root	10	50	1.1309386194117264	--
Amorphophallus konjac	Root	--	--		--
Amphicarpa bracteata	Shoot	40	40	-0.7372574394002785	--
Anacardium occidentale	Seed	48	57	0.336933418057826	--
Ananas comosus	Fruit	0.7	6	-0.7311333825482068	USDA's Ag Handbook 8 and sequelae)
Anemarrhena asphodeloides	Rhizome	19	27	-0.3465691999714629	--
Anethum graveolens	Fruit	43	66	1.0740192620721936	--
Anethum graveolens	Plant	11	150	0.9651488572052452	--
Anethum graveolens	Seed	43	66	0.592445203168114	USDA's Ag Handbook 8 and sequelae)
Angelica dahurica	Root	29	29	0.21118701316135757	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Angelica laxiflora</i>	Root	15	15	-0.4019807243388883	--
<i>Angelica sinensis</i>	Root	--	--		--
<i>Annona cherimola</i>	Fruit	3	15	-0.4603604858551467	--
<i>Annona muricata</i>	Fruit	4	4	-0.7913051373688869	--
<i>Anthriscus cerefolium</i>	Leaf	9	10	-0.4653979182269869	--
<i>Apium graveolens</i>	Leaf	1	44	-0.2567393296527067	USDA's Ag Handbook 8 and sequelae)
<i>Apium graveolens</i>	Root	2.8	70	2.0068925301263634	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Apium graveolens</i>	Seed	0.2	89	1.2454197651166274	--
<i>Apium graveolens</i>	Fruit	0.3	1.2	-0.8755455941178387	--
<i>Arachis hypogaea</i>	Seed	31	35	-0.2876509455451	--
<i>Arctium lappa</i>	Root	0.5	2.2	-0.9625912271962561	--
<i>Arctostaphylos uva-ursi</i>	Leaf	--	--		--
<i>Areca catechu</i>	Seed	16	16	-0.8270647141112636	--
<i>Arisaema consanguineum</i>	Rhizome	14	14	-0.41571284023587385	--
<i>Aristolochia debilis</i>	Fruit	40	40	0.29178644940335335	--
<i>Armoracia rusticana</i>	Root	0.5	2.9	-0.9319328403212439	--
<i>Artemisia capillaris</i>	Plant	22	22	-0.2973055462924508	--
<i>Artemisia cina</i>	Plant	--	--		--
<i>Artemisia dracunculus</i>	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Artemisia herba-alba</i>	Plant	10	21	-0.30716847131977654	--
<i>Artemisia vulgaris</i>	Plant	50	90	0.3733733555657003	Chem. & Pharm. Bull. 38: 2205.
<i>Artocarpus altilis</i>	Fruit	1.2	8	-0.6709616277275268	--
<i>Artocarpus heterophyllus</i>	Fruit	4	16	-0.4302746084448067	--
<i>Asiasarum heterotropoides</i>	Root	38	59	1.5251178792333129	--
<i>Asiasarum sieboldii</i>	Root	38	59	1.5251178792333129	--
<i>Asimina triloba</i>	Fruit	9	38	0.23161469458267334	--
<i>Asparagus lucidus</i>	Root	7	8	-0.7085645930890114	--
<i>Asparagus officinalis</i>	Shoot	12	124	-0.49520977085345347	--
<i>Asparagus officinalis</i>	Root	0.2	2.3	-0.9582114576426829	--
<i>Astragalus membranaceus</i>	Root	0.8	5	-0.8399576796962069	--
<i>Atractylodes lancea</i>	Rhizome	33	33	-0.3146567506186579	--
<i>Atractylodes ovata</i>	Rhizome	26	32	-0.3199754921774587	--
<i>Avena sativa</i>	Plant	--	--		--
<i>Averrhoa carambola</i>	Fruit	1	12	-0.5506181180861668	USDA's Ag Handbook 8 and sequelae)
<i>Barosma betulina</i>	Leaf	84	84	-0.01125863721237699	--
<i>Belamcanda chinensis</i>	Rhizome	17	17	-0.39975661555947134	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>Berberis vulgaris</i>	Root	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Berberis vulgaris	Bark	--	--		--
Bertholletia excelsa	Seed	41	53	0.22337262467547583	--
Beta vulgaris	Root	3	70	2.0068925301263634	--
Blechnum orientale	Rhizome	17	17	-0.39975661555947134	--
Bletilla striata	Tuber	16	16	-0.6586794393978675	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.
Boehmeria nivea	Plant	32	43	-0.09018412071860993	--
Borago officinalis	Plant	--	--		Abstract (See species file)
Brassica juncea	Leaf	6	65	-0.12786196612153358	--
Brassica napus var. napobrassica	Root	1.7	33	0.38637779530428495	USDA's Ag Handbook 8 and sequelae)
Brassica nigra	Leaf	2	40	-0.28128739889673965	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea var. botrytis l.	Leaf	4	118	0.19739995136190341	--
Brassica oleracea var. botrytis l.	Flower	3	97	3.0606347490514247	--
Brassica oleracea var. capitata l.	Leaf	2	36	-0.2751503815857314	--
Brassica oleracea var. gemmifera	Leaf	10	157	0.43674362649122483	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea var. italicica	Leaf	4	118	0.19739995136190341	--
Brassica oleracea var. sabelllica l.	Leaf	4	28	-0.35493160662883855	--
Brassica oleracea var. viridis l.	Leaf	10	157	0.43674362649122483	--
Brassica pekinensis	Leaf	66.5	80	-0.03580670645640996	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Brassica rapa</i>	Seed	15	15	-0.8554549124568511	--
<i>Brassica rapa</i>	Root	2	23	-0.05159916005303352	--
<i>Broussonetia papyrifera</i>	Fruit	23	23	-0.21967346657242662	--
<i>Bupleurum chinense</i>	Root	--	--		--
<i>Cajanus cajan</i>	Seed	25	34	-0.31604114389068755	--
<i>Camellia sinensis</i>	Leaf	30	30	-0.34265757200682206	--
<i>Canavalia ensiformis</i>	Seed	20	20	-0.7135039207289134	--
<i>Capsicum annuum</i>	Fruit	2	7.7	-0.6799873909506287	--
<i>Capsicum frutescens</i>	Fruit	3	24	-0.1895875891620866	USDA's Ag Handbook 8 and sequelae)
<i>Carica papaya</i>	Fruit	--	--		--
<i>Carthamus tinctorius</i>	Flower	--	--		--
<i>Carum carvi</i>	Fruit	47	61	0.9235898750204936	--
<i>Carum carvi</i>	Seed	47	61	0.592445203168114	--
<i>Carya glabra</i>	Shoot	4	1100	2.317153616071562	--
<i>Carya illinoensis</i>	Seed	56	56	0.30854321971223847	--
<i>Carya ovata</i>	Seed	46	46	0.024641236256363018	--
<i>Carya ovata</i>	Shoot	7	342	0.1329615594228307	--
<i>Cassia tora</i>	Seed	31	31	-0.40121173892745016	--
<i>Castanea dentata</i>	Seed	10	24	-0.5999431273465632	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Castanea mollisima</i>	Seed	8	17	-0.798674515765676	--
<i>Castanea sativa</i>	Seed	4	10	-0.9974059041847889	--
<i>Catalpa ovata</i>	Fruit	21	21	-0.27984522139310664	--
<i>Caulophyllum thalictroides</i>	Root	--	--		--
<i>Celosia cristata</i>	Flower	39	39	0.2510160873322747	--
<i>Centella asiatica</i>	Bark	34	3.4	-0.9069023286651865	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Centella asiatica</i>	Leaf	0.4	3.4	-0.5059022324796413	--
<i>Chaenomeles lagenaria</i>	Fruit	21	21	-0.27984522139310664	--
<i>Chamaemelum nobile</i>	Flower	--	--		--
<i>Chamissoa altissima</i>	Leaf	4	36	-0.3058354681407726	Tramil
<i>Chenopodium album</i>	Seed	24	24	-0.5999431273465632	--
<i>Chondrus crispus</i>	Plant	44	44	-0.08032119569128418	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Chrysanthemum parthenium</i>	Plant	--	--		--
<i>Chrysanthemum parthenium</i>	Leaf	--	--		--
<i>Cicer arietinum</i>	Seed	33	50	0.1382020296387132	USDA's Ag Handbook 8 and sequelae)
<i>Cichorium endivia</i>	Leaf	8	146	0.3692364360701342	--
<i>Cichorium intybus</i>	Root	--	--		--
<i>Cimicifuga dahurica</i>	Rhizome	--	18	-0.3944378740006705	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cimicifuga racemosa</i>	Root	--	--		--
<i>Cinnamomum aromaticum</i>	Bark	4	10	-0.27207069859955574	--
<i>Cinnamomum burmannii</i>	Bark	10	10	-0.27207069859955574	--
<i>Cinnamomum sieboldii</i>	Bark	40	40	2.6135276198805846	--
<i>Cinnamomum sieboldii</i>	Root Bark	20	20	0.7181848464596076	--
<i>Cinnamomum verum</i>	Bark	11.4	20	0.6897954075604908	--
<i>Cinnamomum verum</i>	Leaf	34	34	-0.3181095027627891	--
<i>Cistanche salsa</i>	Plant	13	13	-0.3860718715383825	--
<i>Citrullus lanatus</i>	Fruit	8	8	-0.6709616277275268	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Citrus aurantiifolia</i>	Fruit	1	9	-0.6408757503171868	USDA's Ag Handbook 8 and sequelae)
<i>Citrus aurantium</i>	Fruit	--	16	-0.4302746084448067	--
<i>Citrus medica</i>	Fruit	14	14	-0.49044636326548674	--
<i>Citrus paradisi</i>	Fruit	0	9	-0.24975934398276664	--
<i>Citrus reticulata</i>	Fruit	0.8	8	-0.6709616277275268	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Citrus sinensis</i>	Fruit	0.9	13	-0.5205322406758267	--
<i>Cnicus benedictus</i>	Plant	--	--		--
<i>Cnidium officinale</i>	Rhizome	16	16	-0.40507535711827214	--
<i>Cocos nucifera</i>	Seed	9	17	-0.5715529290009757	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Coix lacryma-jobi</i>	Seed	--	20	-0.7135039207289134	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, <i>Shoykugaku Zasshi</i> 36(3):190-195.
<i>Colocasia esculenta</i>	Leaf	6.6	6.6	-0.486263777084415	--
<i>Colocasia esculenta</i>	Root	5	66	1.8317017479834359	--
<i>Coptis chinensis</i>	Rhizome	90	600	2.701069713221419	--
<i>Coptis japonica</i>	Rhizome	90	600	2.701069713221419	--
<i>Coptis spp</i>	Rhizome	90	600	2.701069713221419	--
<i>Coriandrum sativum</i>	Fruit	34	52	0.6528169783274335	--
<i>Cornus officinalis</i>	Fruit	12	12	-0.5506181180861668	--
<i>Corylus avellana</i>	Seed	20	39	-0.1740901521627498	--
<i>Crataegus cuneata</i>	Fruit	14	14	-0.49044636326548674	--
<i>Crataegus laevigata</i>	Fruit	--	--		--
<i>Crataegus laevigata</i>	Flower	--	--		--
<i>Crataegus rhipidophylla</i>	Fruit	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Cucumis melo</i>	Fruit	1.5	31	0.021013552710293256	--
<i>Cucumis sativus</i>	Fruit	2	157	3.8118341064131345	--
<i>Cucurbita maxima</i>	Leaf	7.6	54	-0.19536915654262424	--
<i>Cucurbita pepo</i>	Seed	75	83	4.396731781476845	--
<i>Cucurbita spp</i>	Fruit	2	41	0.3218723268136934	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cuminum cyminum	Fruit	41	58	0.8333322427894736	--
Cuminum cyminum	Seed	41	58	0.3653236164034136	--
Curcuma longa	Rhizome	--	22	-0.3731629077654671	--
Curcuma longa	Plant	0.5	1.5	-0.49949550935262865	--
Cymbopogon citratus	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cynanchum atratum	Root	31	31	0.29878240423282126	--
Cynara cardunculus	Flower	4	36	0.1056909841399049	USDA's Ag Handbook 8 and sequelae)
Cyperus rotundus	Rhizome	33	33	-0.3146567506186579	--
Cypripedium pubescens	Root	67	67	1.8754994435191676	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cyrtosperma chamissonis	Root	10	50	1.1309386194117264	--
Daucus carota	Root	2	79	2.40107178994795	--
Dendrobium nobile	Stem	26	26	-1.342191817578709	--
Dioscorea alata	Root	2	17	-0.3143853332674246	--
Dioscorea bulbifera	Rhizome	12	12	-0.4263503233534755	--
Dioscorea sp.	Root	56	56	1.3937247926261174	--
Dioscorea villosa	Root	1.3	5.6	-0.813679062374768	--
Diospyros virginiana	Leaf	5	25	-0.37334265856186327	--
Diospyros virginiana	Stem	9	162	0.6780864911725766	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Drynaria fortunei	Rhizome	17	17	-0.39975661555947134	--
Echinacea purpurea	Root	1.3	5.1	-0.8355779101426338	--
Echinacea spp	Root	51	5.1	-0.8355779101426338	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Elaeagnus umbellatus	Fruit	3	20	-0.30993109880344666	--
Elettaria cardamomum	Fruit	23	28	-0.06924407952072656	--
Eleutherococcus senticosus	Root	0.9	4.2	-0.8749958361247925	--
Elytrigia repens	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Ephedra sinica	Plant	0.4	2.1	-0.49357775433623324	--
Ephedra spp	Plant	8	8	-0.4353864966750113	--
Equisetum arvense	Plant	--	--		--
Equisetum hyemale	Plant	10	10	-0.4156606466203598	--
Eriobotrya japonica	Leaf	28	28	-0.35493160662883855	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.
Eriocaulon sp	Leaf	21	21	-0.39789072780589624	--
Eriodictyon californicum	Leaf	0.4	1.7	-0.5163351619083554	--
Erythroxylum coca	Leaf	18	29	-0.3487945893178303	--
Erythroxylum novogranatense	Leaf	16	33	-0.32424652007379734	--
Erythroxylum novogranatense	Leaf	19	22	-0.391753710494888	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucommia ulmoides</i>	Bark	14	14	0.11267574386446289	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>Euodia rutaecarpa</i>	Fruit	18	18	-0.37010285362412665	--
<i>Eupatorium perfoliatum</i>	Plant	0.2	2	-0.49456404683896577	--
<i>Euphrasia officinalis</i>	Plant	0.5	3.5	-0.47976965929797716	--
<i>Fallopia japonica</i>	Plant	42	49	-0.031006570554655437	Chem. & Pharm. Bull. 38: 2205.
<i>Ficus carica</i>	Fruit	1	7	-0.7010475051378668	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Firmiana simplex</i>	Seed	25	25	-0.5715529290009757	--
<i>Foeniculum vulgare</i>	Fruit	7.1	33	0.08118530753097328	--
<i>Foeniculum vulgare</i>	Seed	0.1	0.7	-1.261434748798753	--
<i>Forsythia suspensa</i>	Fruit	17	17	-0.40018873103446667	--
<i>Fragaria spp</i>	Fruit	1.1	17	-0.40018873103446667	--
<i>Frangula purshiana</i>	Bark	--	--		--
<i>Fraxinus rhynchophylla</i>	Bark	17	17	0.40123557571247687	--
<i>Fritillaria thunbergii</i>	Bulb	12	12	-0.7939654612611702	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>Fucus vesiculosus</i>	Plant	0.1	0.6	-0.5083721418772219	--
<i>Gardenia jasminoides</i>	Fruit	10	17	-0.40018873103446667	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Gastrodia elata</i>	Rhizome	12	12	-0.4263503233534755	--
<i>Genipa americana</i>	Fruit	3	14	-0.49044636326548674	--
<i>Genipa americana</i>	Seed	16	16	-0.8270647141112636	--
<i>Gentiana lutea</i>	Root	0.6	2.9	-0.9319328403212439	--
<i>Gentiana scabra</i>	Root	18	18	-0.27058763773169275	--
<i>Geranium thunbergii</i>	Plant	28	28	-0.23812799612849617	--
<i>Ginkgo biloba</i>	Seed	3	8	-1.054186300875964	USDA's Ag Handbook 8 and sequelae)
<i>Ginkgo biloba</i>	Leaf	0.6	2.3	-0.5126529515217503	--
<i>Glechoma hederacea</i>	Plant	46	53	0.00844512955464756	Chem. & Pharm. Bull. 38: 2205.
<i>Glehnia littoralis</i>	Root	26	26	0.07979392655416202	--
<i>Glycine max</i>	Seed	22	90	1.273809963462215	--
<i>Glycyrrhiza glabra</i>	Root	0.1	0.3	-1.0458068487141465	--
<i>Glycyrrhiza uralensis</i>	Root	11	13	-0.489576115410352	--
<i>Gymnema sylvestre</i>	Leaf	--	--		--
<i>Harpagophytum procumbens</i>	Root	0.3	1.8	-0.9801103054105488	--
<i>Helianthus annuus</i>	Seed	46	54	0.2517628230210634	--
<i>Helianthus tuberosus</i>	Tuber	16	64	1.8672816597577366	Bonness, M. S., Promising new drugs from plants: poisons that heal, Herbarist, #56, 1990, 59-68
<i>Hibiscus sabdariffa</i>	Flower	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Hordeum vulgare</i>	Seed	20	30	-0.42960193727303775	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Hordeum vulgare</i>	Sprout Seedling	20	20	-1.394755939064127	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>	Stem	21	21	-1.4164667554004475	--
<i>Houttuynia cordata</i>	Plant	56	56	0.03803390463662481	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
<i>Humulus lupulus</i>	Fruit	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Humulus lupulus</i>	Flower	--	--		--
<i>Hydrangea arborescens</i>	Root	--	--		--
<i>Hydrastis canadensis</i>	Root	0.4	1.6	-0.9888698445176951	--
<i>Hyoscyamus niger</i>	Seed	48	48	0.08142163294753811	--
<i>Inula helenium</i>	Plant	--	--		--
<i>Inula helenium</i>	Root	1	3.9	-0.888135144785512	--
<i>Ipomoea aquatica</i>	Leaf	12.3	92	0.037837501275688946	--
<i>Ipomoea batatas</i>	Root	2	11	-0.5771715064818157	--
<i>Isatis tinctoria</i>	Root	40	40	0.6929616640544078	--
<i>Juglans cinerea</i>	Seed	26	37	-0.2308705488539249	--
<i>Juglans nigra</i>	Hull Husk	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Juglans nigra</i>	Seed	46	46	0.024641236256363018	--
<i>Juglans nigra</i>	Fruit	--	--		--
<i>Juglans nigra</i>	Pericarp	--	--		--
<i>Juglans regia</i>	Seed	25	30	-0.42960193727303775	USDA's Ag Handbook 8 and sequelae)
<i>Juncus effusus</i>	Pith	38	38	-1	--
<i>Juniperus communis</i>	Fruit	--	--		--
<i>Juniperus virginiana</i>	Shoot	7	317	0.060923562831513706	--
<i>Jussiaea repens</i>	Plant	40	40	-0.11977289580058717	--
<i>Lablab purpureus</i>	Seed	75	93	1.3589805584989778	--
<i>Lactuca sativa</i>	Leaf	2.7	974	5.450686769584958	--
<i>Lagenaria siceraria</i>	Fruit	7	157	3.8118341064131345	--
<i>Larrea tridentata</i>	Plant	--	--		--
<i>Lens culinaris</i>	Seed	37	42	-0.08891955712598718	USDA's Ag Handbook 8 and sequelae)
<i>Lens culinaris</i>	Sprout Seedling	14	54	0.8998425413316947	USDA's Ag Handbook 8 and sequelae)
<i>Lepidium meyenii</i>	Root	--	38	0.6053662729829442	Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
<i>Ligustrum japonicum</i>	Fruit	24	24	-0.1895875891620866	--
<i>Ligustrum lucidum</i>	Fruit	24	24	-0.1895875891620866	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
<i>Linum usitatissimum</i>	Seed	85	155	3.1191728559254055	Cunane, S. and Thompson, L. U., eds. 1995. Flaxseed in Human Nutrition. AOCS Press, Champaign IL. 384 pp.
<i>Liquidambar styraciflua</i>	Leaf	12	98	0.07465960514173857	--
<i>Liquidambar styraciflua</i>	Stem	4	240	1.8367755211916963	--
<i>Lobelia inflata</i>	Leaf	0.1	0.4	-0.524313284412666	--
<i>Lonicera japonica</i>	Flower	21	21	-0.6209345318219442	--
<i>Lophatherum gracile</i>	Plant	25	25	-0.26771677121047355	--
<i>Lupinus albus</i>	Seed	47	53	0.22337262467547583	--
<i>Lycium chinense</i>	Fruit	20	20	-0.30993109880344666	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>Lycium chinense</i>	Root Bark	23	23	1.6415653633362461	--
<i>Lycopersicon esculentum</i>	Fruit	1	120	2.6986566422305542	--
<i>Lycopodium clavatum</i>	Plant	28	28	-0.23812799612849617	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>Lygodium japonicum</i>	Pollen Or Spore	23	23		--
<i>Macadamia spp</i>	Seed	17	18	-0.7702843174200885	USDA's Ag Handbook 8 and sequelae)
<i>Magnolia denudata</i>	Flower	25	25	-0.4271677275654511	--
<i>Magnolia fargesii</i>	Flower	25	25	-0.4271677275654511	--
<i>Magnolia kobus</i>	Flower	25	25	-0.4271677275654511	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Magnolia officinalis</i>	Bark	9	9	-0.36825730921556044	--
<i>Malus domestica</i>	Fruit	0	35	0.1413570623516533	--
<i>Mangifera indica</i>	Fruit	0.4	11.4	-0.5686696445323708	--
<i>Manihot esculenta</i>	Root	4	19	-0.2267899421959609	--
<i>Medicago sativa</i>	Plant	--	--		--
<i>Mentha arvensis</i> var. <i>piperascens</i>	Plant	28	28	-0.23812799612849617	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
<i>Mentha pulegium</i>	Plant	56	56	0.03803390463662481	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Mentha spicata</i>	Leaf	11	75	-0.06649179301145117	USDA's Ag Handbook 8 and sequelae)
<i>Mentha x piperita</i>	Leaf	--	--		--
<i>Morinda</i> sp	Root	15	15	-0.4019807243388883	--
<i>Morus alba</i>	Root Bark	9	14	-1.12857618729367	--
<i>Murraya</i> sp	Fruit	1	7	-0.7010475051378668	--
<i>Musa x paradisiaca</i>	Fruit	1	6.5	-0.7160904438430368	USDA's Ag Handbook 8 and sequelae)
<i>Myrica cerifera</i>	Bark	--	--		--
<i>Myristica fragrans</i>	Aril	20	20		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Myristica fragrans</i>	Seed	13	20	-0.7135039207289134	--
<i>Nardostachys chinensis</i>	Rhizome	22	22	-0.3731629077654671	--
<i>Nasturtium officinale</i>	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Nelumbo nucifera</i>	Seed	28	28	-0.48638233396421304	--
<i>Nepeta cataria</i>	Plant	--	--		--
<i>Notopterygium incisum</i>	Rhizome	16	16	-0.40507535711827214	--
<i>Nyssa sylvatica</i>	Leaf	2	55	-0.189232139231616	--
<i>Nyssa sylvatica</i>	Stem	6	132	0.2324368642421459	--
<i>Ocimum basilicum</i>	Leaf	5	6	-0.48994598747101986	USDA's Ag Handbook 8 and sequelae)
<i>Oenothera biennis</i>	Seed	70	90	1.273809963462215	--
<i>Ophiopogon japonicus</i>	Tuber	7	16	-0.6586794393978675	--
<i>Opuntia ficus-indica</i>	Seed	15	15	-0.8554549124568511	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
<i>Origanum majorana</i>	Plant	32	43	-0.09018412071860993	--
<i>Origanum vulgare</i>	Plant	39	49	-0.031006570554655437	USDA's Ag Handbook 8 and sequelae)
<i>Paeonia lactiflora</i>	Root	15	24	-0.007801464517301675	--
<i>Paeonia moutan</i>	Root Bark	10	15	-0.8207826816681236	--
<i>Paeonia suffruticosa</i>	Root Bark	10	15	-0.8207826816681236	--
<i>Panax ginseng</i>	Root	--	--		--
<i>Panax ginseng</i>	Leaf	--	--		--
<i>Panax ginseng</i>	Fruit	--	--		--
<i>Panax ginseng</i>	Petiole	--	--		--
<i>Panax ginseng</i>	Stem	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Panax japonicus	Rhizome	20	20	-0.3838003908830688	--
Panax quinquefolius	Plant	10	114	0.6100835562215182	--
Papaver somniferum	Seed	24	130	2.4094178972857168	--
Parthenium integrifolium	Root	0.6	3.7	-0.8968946838926584	--
Passiflora incarnata	Flower	--	--		--
Pastinaca sativa	Root	5	70	2.0068925301263634	--
Perilla frutescens	Plant	50	50	-0.021143645527329686	Suzuki, A., Morimoto, I., and Okitsu, T., Elution of Metals from Crude Drugs, Shoykugaku Zasshi 36(3):190-195.
Persea americana	Fruit	4	16	-0.4302746084448067	--
Petasites japonicus	Plant	21	60	0.0774856047459278	Chem. & Pharm. Bull. 38: 2205.
Petroselinum crispum	Plant	--	--		--
Peucedanum decursivum	Plant	23	42	-0.10004704574593568	--
Phaseolus acutifolius	Seed	25	34	-0.31604114389068755	--
Phaseolus coccineus	Seed	2	2	-1.2245274909494892	--
Phaseolus lunatus	Seed	7	100	1.5577119469180905	--
Phaseolus vulgaris	Fruit	2	150	3.6012329645407544	--
Phaseolus vulgaris	Seed	19	50	0.1382020296387132	--
Phellodendron amurense	Bark	26	26	1.2669150712565191	--
Phoenix dactylifera	Fruit	3	4	-0.7913051373688869	USDA's Ag Handbook 8 and sequelae)
Phoenix dactylifera	Seed	0.6	29	-0.4579921356186253	Abstract (See species file)

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Phyllanthus emblica</i>	Fruit	18	89	1.7659944425100138	--
<i>Physalis ixocarpa</i>	Fruit	35	71	1.2244486491238937	--
<i>Phytelephas aequatorialis</i>	Flower	7	24	-0.4756094286295744	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
<i>Phytelephas aequatorialis</i>	Mesocarp	13	37		KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
<i>Pimenta dioica</i>	Fruit	11	20	-0.30993109880344666	--
<i>Pimpinella anisum</i>	Fruit	--	59	0.8634181201998136	--
<i>Pimpinella anisum</i>	Seed	59	59	0.39371381474900113	--
<i>Pinellia ternata</i>	Tuber	14	18	-0.5534310602663841	--
<i>Pinus echinata</i>	Shoot	6	88	-0.59894448594495	--
<i>Pinus edulis</i>	Seed	40	50	0.1382020296387132	--
<i>Pinus pinea</i>	Seed	42	46	0.024641236256363018	USDA's Ag Handbook 8 and sequelae)
<i>Piper nigrum</i>	Fruit	11.2	35.7	0.16241717653889182	--
<i>Pistacia vera</i>	Seed	3	30	-0.42960193727303775	--
<i>Pisum sativum</i>	Seed	11	60	0.42210401309458867	--
<i>Plantago asiatica</i>	Plant	31	31	-0.20853922104651892	--
<i>Plantago major</i>	Seed	0.8	2.5	-1.2103323917766955	--
<i>Plantago psyllium</i>	Seed	0.5	2.1	-1.2216884711149305	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Platycodon grandiflorum</i>	Root	13	18	-0.27058763773169275	--
<i>Polygala tenuifolia</i>	Root	12	12	-0.5333738109460838	--
<i>Polygonum multiflorum</i>	Rhizome	8	8	-0.44762528958867887	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>Polygonum multiflorum</i>	Root	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Polygonum multiflorum</i>	Plant	--	24.5	-0.27264823372413644	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Polystichum polyblepharum</i>	Plant	34	60	0.0774856047459278	--
<i>Portulaca oleracea</i>	Shoot	3	60	-0.679627042127225	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
<i>Prunella vulgaris</i>	Flower	25	25	-0.4271677275654511	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 armeniaca</i>	Seed	2	38	-0.20248035050833735	--
<i>Prunus cerasus</i>	Fruit	1	7	-0.7010475051378668	--
<i>Prunus domestica</i>	Fruit	0.66	131	3.029601293744294	--
<i>Prunus dulcis</i>	Seed	26	37	-0.2308705488539249	--
<i>Prunus persica</i>	Bark	--	--		--
<i>Prunus persica</i>	Fruit	0.45	37.5	0.21657175587750332	--
<i>Prunus persica</i>	Seed	31	31	-0.40121173892745016	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Prunus serotina</i>	Leaf	3	192	0.6515392323765133	--
<i>Prunus serotina</i>	Stem	0.5	216	1.4802558196473519	--
<i>Psidium guajava</i>	Fruit	2	20	-0.30993109880344666	USDA's Ag Handbook 8 and sequelae)
<i>Psophocarpus tetragonolobus</i>	Seed	43	51	0.16659222798430076	--
<i>Pueraria pseudohirsuta</i>	Root	21	30	0.2549847086970894	--
<i>Pulsatilla chinensis</i>	Root	24	24	-0.007801464517301675	--
<i>Pyrus communis</i>	Fruit	0.15	26.6	-0.11136430789520253	--
<i>Quercus alba</i>	Bark	0.6	2.4	-1.003088939281191	--
<i>Quercus alba</i>	Stem	2	182	0.9751862424595303	--
<i>Quercus phellos</i>	Stem	2	92	-0.3617626383317617	--
<i>Quercus rubra</i>	Seed	17	17	-0.798674515765676	--
<i>Quercus rubra</i>	Stem	4	138	0.32156678962823204	--
<i>Quercus stellata</i>	Stem	4	52	-0.9559621409056692	--
<i>Quercus velutina</i>	Stem	5	93	-0.346907650767414	--
<i>Quisqualis indica</i>	Fruit	22	22	-0.24975934398276664	--
<i>Raphanus sativus</i>	Root	2	72	2.094487921197827	--
<i>Raphanus sativus</i>	Seed	29	29	-0.4579921356186253	--
<i>Rehmannia glutinosa</i>	Root	14	14	-0.44577841987462014	--
<i>Rheum palmatum</i>	Rhizome	9	10	-0.4369878064710772	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rheum rhabarbarum	Pt	1	46		--
Rhizophora mangle	Leaf	43	43	-0.2628763469637149	--
Rhodymenia palmata	Plant	39	39	-0.12963582082791292	--
Rhus copallina	Leaf	5	96	0.062385570519722086	--
Rhus copallina	Stem	7	128	0.17301691398475513	--
Rhus glabra	Stem	3	208	1.3614159191325703	--
Ribes nigrum	Fruit	2	21	-0.27984522139310664	--
Ribes rubrum	Fruit	2	16	-0.4302746084448067	--
Ribes uva-crispa	Fruit	1	16	-0.4302746084448067	--
Rosa canina	Fruit	--	--		--
Rosa laevigata	Fruit	15	15	-0.4603604858551467	--
Rosmarinus officinalis	Plant	30	38	-0.13949874585523866	USDA's Ag Handbook 8 and sequelae)
Rosmarinus officinalis	Leaf	9	38	-0.29356143351875613	USDA's Ag Handbook 8 and sequelae)
Rubia cordifolia	Root	39	39	0.6491639685186761	--
Rubus chamaemorus	Fruit	5.3	40	0.29178644940335335	--
Rubus chingii	Fruit	28	28	-0.06924407952072656	--
Rubus idaeus	Leaf	--	--		--
Rubus idaeus	Fruit	4	37	0.2015288171723333	Revised USDA data received 1993.
Rumex acetosa	Leaf	2	20	-0.4040277451169045	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rumex crispus	Root	--	--		--
Ruscus aculeatus	Bark	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Ruscus aculeatus	Root	0.6	2.1	-0.9669709967498292	--
Salix alba	Bark	0.4	2.1	-1.0319449224659927	--
Salvia miltiorrhiza	Root	12	12	-0.5333738109460838	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.
Salvia officinalis	Leaf	1	5.9	-0.4905596892021207	--
Sambucus nigra	Fruit	3	17	-0.40018873103446667	--
Santalum acuminatum	Fruit	2	9	-0.6408757503171868	--
Sassafras albidum	Stem	4	111	-0.07951787460915558	--
Sassafras albidum	Leaf	10	136	0.30786626296005176	--
Schisandra chinensis	Fruit	--	--		--
Schizonepeta tenuifolia	Plant	28	28	-0.23812799612849617	--
Scrophularia buergeriana	Root	13	13	-0.489576115410352	--
Scutellaria baicalensis	Root	17	18	-0.27058763773169275	--
Scutellaria lateriflora	Plant	1.2	8.6	-0.42946874165861587	--
Secale cereale	Seed	35	45	-0.00374896208922453	USDA's Ag Handbook 8 and sequelae)
Sechium edule	Leaf	0.5	73	-0.07876582763346765	--
Senna alexandrina	Leaf	0.4	1.9	-0.5151077584461536	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Senna obtusifolia</i>	Seed	10	76	0.8763471866239895	--
<i>Senna occidentalis</i>	Seed	41	41	-0.11730975547157471	--
<i>Serenoa repens</i>	Fruit	0.7	5.2	-0.7552020844764787	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Sesamum indicum</i>	Seed	24	102	1.6144923436092655	--
<i>Siegesbeckia orientalis</i>	Plant	17	17	-0.3466201714290795	--
<i>Silybum marianum</i>	Plant	33	3.3	-0.4817422443034423	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Silybum marianum</i>	Leaf	0.7	3.3	-0.506515934210742	--
<i>Simmondsia chinensis</i>	Seed	16	16	-0.8270647141112636	--
<i>Sinapis alba</i>	Seed	27	61	0.4504942114401762	--
<i>Sinomenium acutum</i>	Rhizome	15	15	-0.410394098677073	--
<i>Smilax officinalis</i>	Root	0.5	2.6	-0.9450721489819633	--
<i>Smilax spp</i>	Root	0.5	2.6	-0.9450721489819633	--
<i>Solanum melongena</i>	Fruit	18	25.6	-0.14145018530554254	--
<i>Solanum tuberosum</i>	Tuber	1.9	44.1	0.8200602873994755	--
<i>Sophora angustifolia</i>	Root	10	24	-0.007801464517301675	--
<i>Sophora subprostrata</i>	Root	14	14	-0.44577841987462014	--
<i>Sorbus aucubaria</i>	Fruit	1	18	-0.37010285362412665	--
<i>Spinacia oleracea</i>	Plant	4	185	1.3103512331616465	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Spirulina spp.	Plant	--	5.3	-0.4620163942487908	--
Spondias dulcis	Fruit	1.9	1.9	-0.8544854799306009	--
Spondias tuberosa	Fruit	1.33	1.33	-0.8716344300544947	--
Stachys officinalis	Plant	0.1	0.8	-0.5063995568717568	--
Stellaria media	Plant	0.4	5.2	-0.46300268675152334	--
Stevia rebaudiana	Leaf	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Stevia rebaudiana	Plant	--	26	-0.2578538461831478	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Syphoricarpos orbiculatus	Stem	2	92	-0.3617626383317617	--
Symphytum officinale	Root	2.8	2.8	-0.9363126098748169	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Symphytum officinale	Leaf	--	--		--
Syzygium aromaticum	Flower	10	30	-0.18495922224483477	--
Syzygium aromaticum	Fruit	10	30	-0.009072324700046541	--
Tabebuia heptaphylla	Bark	0.1	0.7	-1.166606177328399	--
Tanacetum parthenium	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Taraxacum mongolicum	Plant	34	34	-0.17895044596454168	--
Taraxacum officinale	Root	0.2	1.3	-1.0020091531784148	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Taraxacum officinale	Leaf	21	230	0.8847458901948265	--
Tephrosia candida	Plant	26	26	-0.2578538461831478	--
Tetrapanax papyrifera	Pith	42	42	1	--
Thymus vulgaris	Leaf	0.3	1.5	-0.517562565370557	--
Thymus vulgaris	Plant	55	74	0.2155665551284883	USDA's Ag Handbook 8 and sequelae)
Trachyspermum ammi	Fruit	43	43	0.38204408163437337	--
Tragopogon porrifolius	Root	2	2	-0.9713507663034024	--
Trifolium pratense	Flower	--	--		--
Trigonella foenum-graecum	Seed	--	--		--
Triticum aestivum	Seed	12	19	-0.741894119074501	--
Turnera diffusa	Leaf	0.8	3.7	-0.5040611272863389	--
Tussilago farfara	Flower	25	25	-0.4271677275654511	--
Ulmus rubra	Bark	--	--		--
Urtica dioica	Leaf	0.9	4.7	-0.49792410997533065	--
Urtica dioica	Root	--	19	-0.2267899421959609	--
Urtica dioica	Seed	--	19	-0.741894119074501	--
Vaccinium corymbosum	Fruit	1	7	-0.7010475051378668	--
Vaccinium macrocarpon	Fruit	--	--		--
Vaccinium myrtillus	Fruit	1	8.7	-0.6499015135402889	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Vaccinium vitis-idaea</i>	Fruit	1.7	14	-0.49044636326548674	--
<i>Valeriana officinalis</i>	Root	--	--		--
<i>Valerianella locusta</i>	Plant	62	64.5	0.12186876736889367	--
<i>Valerianella radicata</i>	Plant	572	701	6.399620547261733	--
<i>Verbascum thapsus</i>	Leaf	0.2	0.4	-0.524313284412666	--
<i>Viburnum opulus</i>	Bark	17	17	0.40123557571247687	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Vigna aconitifolia</i>	Seed	19	21	-0.6851137223833258	--
<i>Vigna angularis</i>	Seed	50	58	0.3653236164034136	--
<i>Vigna radiata</i>	Seed	26	31	-0.40121173892745016	USDA's Ag Handbook 8 and sequelae)
<i>Vigna radiata</i>	Sprout Seedling	3.5	48	0.4949133977324324	USDA's Ag Handbook 8 and sequelae)
<i>Vigna unguiculata</i>	Seed	35	38	-0.20248035050833735	USDA's Ag Handbook 8 and sequelae)
<i>Vigna unguiculata</i>	Seed	10	144	2.8068806741239425	--
<i>Viscum album</i>	Leaf	86	86	0.0010153974096394941	--
<i>Vitis vinifera</i>	Fruit	0.4	27	-0.09932995693106657	--
<i>Vitis vinifera</i>	Stem	75	75	-0.6142974269256724	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Xanthosoma sagittifolium</i>	Root	5	19	-0.2267899421959609	--
<i>Yucca baccata</i>	Root	0.3	1.4	-0.9976293836248417	--
<i>Zea mays</i>	Seed	4	20	-0.7135039207289134	--

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Zingiber officinale	Rhizome	--	57	-0.18700695320743768	--
Zingiber officinale	Root	--	--		--
Zizyphus jujuba	Fruit	21	21	-0.27984522139310664	--