

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for RIBOFLAVIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Justicia pectoralis</i>	Leaf		2013.0	9.258047024213187	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Aegle marmelos</i>	Fruit	12.0	31.0	5.56634112513924	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Benincasa hispida</i>	Fruit	0.1	28.0	4.92384119377217	--
<i>Theobroma speciosum</i>	Fruit	10.0	27.0	4.709674549983148	J Cell Biochem VOL. 22=1995
<i>Asparagus officinalis</i>	Root	2.4	24.0	4.360530503608677	--
<i>Glycine max</i>	Seed	1.7	13.0	3.631633595689942	--
<i>Armoracia rusticana</i>	Root	4.0	20.0	3.485161664486578	--
<i>Avena sativa</i>	Seed	0.66	11.7	3.1334031477822193	Jim Duke's personal files.*
<i>Capsicum annuum</i>	Fruit	0.0	19.0	2.9963413996709614	--
<i>Thymus vulgaris</i>	Plant	4.0	53.0	2.898116175774351	--
<i>Anacardium occidentale</i>	Fruit	2.4	16.7	2.503758118956209	--
<i>Spirulina spp.</i>	Plant		46.0	2.410314443218272	--
<i>Spirulina pratensis</i>	Plant		46.0	2.410314443218272	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Prunus dulcis</i>	Seed	1.6	9.7	2.3668947663857227	USDA's Ag Handbook 8 and sequelae)
<i>Elaeagnus umbellatus</i>	Fruit	2.9	16.0	2.3538414683038917	--
<i>Hordeum vulgare</i>	Seed	1.0	9.0	2.0986168328969494	Jim Duke's personal files.*
<i>Berberis vulgaris</i>	Bark		9.4	2.0673075679276955	--
<i>Cucurbita pepo</i>	Flower	0.7	15.0	2.063147597581711	USDA's Ag Handbook 8 and sequelae)
<i>Phytolacca americana</i>	Shoot	3.0	39.0	1.9983066084198973	--
<i>Triticum aestivum</i>	Plant	11.0	40.0	1.9921986724559189	--
<i>Morus alba</i>	Fruit	1.0	14.0	1.9255081807258456	--
<i>Echinacea purpurea</i>	Root	3.0	12.0	1.734423986242379	--
<i>Cucurbita pepo</i>	Fruit	1.1	13.1	1.732758201315725	USDA's Ag Handbook 8 and sequelae)
<i>Cajanus cajan</i>	Seed	1.7	8.0	1.7153626421987014	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Triticum aestivum</i>	Seed	0.7	8.0	1.7153626421987014	--
<i>Perilla frutescens</i>	Seed	1.0	8.0	1.7153626421987014	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eleocharis dulcis</i>	Tuber	0.2	9.0	1.7132052119747374	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Asparagus officinalis</i>	Shoot	1.0	36.0	1.7066843792550757	--
<i>Areca catechu</i>	Seed	6.9	7.9	1.6770372231288766	--
<i>Phaseolus vulgaris</i>	Sprout Seedling	2.5	27.0	1.6502789577404713	USDA's Ag Handbook 8 and sequelae)
<i>Curcuma longa</i>	Rhizome	0.0	12.0	1.6190517856385973	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Psophocarpus tetragonolobus</i>	Seed	1.0	7.7	1.6003863849892273	--
<i>Calathea macrosepala</i>	Flower	1.0	13.0	1.5937483850698122	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Lablab purpureus</i>	Seed	0.92	7.58	1.554395882105437	--
<i>Phaseolus vulgaris</i>	Fruit	1.0	12.0	1.4971748931477993	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Luffa aegyptiaca</i>	Fruit	0.6	12.0	1.4971748931477993	--
<i>Pourouma cecropiaefolia</i>	Fruit	2.2	12.0	1.4971748931477993	J Cell Biochem VOL. 22=1995
<i>Rumex crispus</i>	Root	3.0	10.8	1.4718133345057491	--
<i>Myristica fragrans</i>	Aril	4.0	5.0	1.3970013970020942	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hordeum vulgare</i>	Stem	27.0	28.0	1.3933794062595939	--
<i>Artocarpus altilis</i>	Seed	1.0	7.0	1.332108451500453	--
<i>Apium graveolens</i>	Pt	0.0	34.0	1.3317125985137388	--
<i>Tragopogon porrifolius</i>	Root	1.0	10.0	1.296739566681329	--
<i>Trichosanthes anguina</i>	Fruit	0.6	11.0	1.2830082493587764	--
<i>Yucca baccata</i>	Bark		7.0	1.2755727546787912	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Pisum sativum</i>	Seed	1.2	6.7	1.2171321942909792	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium ampeloprasum	Flower	1.9	11.2	1.171289093809103	--
Berberis vulgaris	Root		9.4	1.1654342408130138	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Raphanus sativus	Root	0.3	9.3	1.1435500198349617	--
Brassica oleracea var. botrytis l.	Flower	0.3	11.0	1.1243491725579133	--
Moringa oleifera	Shoot	6.0	30.0	1.1234399209254322	USDA's Ag Handbook 8 and sequelae)
Durio zibethinus	Fruit	2.0	10.0	1.0688416055697534	J Cell Biochem VOL. 22=1995
Annona diversifolia	Fruit	0.3	10.0	1.0688416055697534	--
Humulus lupulus	Fruit		10.0	1.0688416055697534	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chrysanthemum coronarium	Bud	2.2	30.0	1.0000000000000002	--
Allium cepa	Bulb	0.4	15.0	1.0	--
Crocus sativus	Silk Stigma Style	56.0	138.0	1.0	--
Nasturtium officinale	Herb	1.0	25.0	1.0	--
Tropaeolum tuberosum	Root	0.8	8.5	0.9684762520105418	--
Vicia faba	Seed	1.1	6.0	0.948854260802205	USDA's Ag Handbook 8 and sequelae)
Passiflora quadrangularis	Seed	1.2	6.0	0.948854260802205	--
Blighia sapida	Seed	0.9	6.0	0.948854260802205	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pereskia aculeata	Fruit	0.3	9.4	0.9403416192963394	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Humulus lupulus	Flower	2.0	10.1	0.9131195269275587	--
Momordica charantia	Fruit	0.4	9.0	0.8546749617807301	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vigna unguiculata	Fruit	1.1	9.0	0.8546749617807301	USDA's Ag Handbook 8 and sequelae)
Caulophyllum thalictroides	Root	1.0	7.9	0.8371709261422265	--
Spinacia oleracea	Plant	1.8	23.4	0.8354117066800743	USDA's Ag Handbook 8 and sequelae)
Solanum melongena	Fruit	0.2	8.8	0.8118416330229257	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Solanum nigrum	Plant	1.0	23.0	0.8075373219625845	--
Tropaeolum majus	Shoot	3.5	25.5	0.6860065771781996	--
Symphytum officinale	Root		7.2	0.6839813792958593	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Prunus armeniaca	Seed		5.3	0.6805763273134317	--
Lycopersicon esculentum	Fruit	1.0	8.0	0.6405083179917069	--
Pisum sativum	Fruit	0.8	8.0	0.6405083179917069	--
Citrullus lanatus	Fruit	2.0	8.0	0.6405083179917069	--
Capsicum frutescens	Fruit	1.0	8.0	0.6405083179917069	--
Fragaria spp	Fruit	0.7	8.0	0.6405083179917069	--
Ipomoea batatas	Root	0.3	7.0	0.6402129373397545	--
Phaseolus lunatus	Seed	0.3	5.1	0.6039254891737816	--
Persea americana	Fruit	1.0	7.7	0.5762583248550003	--
Pouteria caimito	Fruit	0.2	7.7	0.5762583248550003	--
Yucca baccata	Root	1.4	6.7	0.5745602744055969	--
Juglans regia	Seed	1.0	5.0	0.565600070103957	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bixa orellana	Seed		5.0	0.565600070103957	Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
Cucurbita pepo	Seed	2.7	4.9	0.5272746510341323	--
Lupinus mutabilis	Seed	4.4	4.9	0.5272746510341323	--
Serenoa repens	Fruit	1.0	7.3	0.4905916673393905	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Rosa canina	Fruit	1.4	7.2	0.46917500296048864	--
Theobroma bicolor	Fruit	1.5	7.2	0.46917500296048864	--
Euphrasia officinalis	Plant	3.0	18.0	0.45910751299395686	--
Abelmoschus esculentus	Fruit	0.6	7.0	0.42634167420268376	--
Malpighia glabra	Fruit	0.6	7.0	0.42634167420268376	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cajanus cajan	Fruit	1.6	6.9	0.40492500982378155	--
Vigna unguiculata	Seed	1.5	4.5	0.3739729747548329	USDA's Ag Handbook 8 and sequelae)
Myrciaria dubia	Fruit	0.4	6.7	0.36209168106597706	--
Rubus idaeus	Fruit	0.9	6.7	0.36209168106597706	Revised USDA data received 1993.
Corylus avellana	Seed	0.6	4.4	0.3356475556850082	--
Prunus domestica	Fruit	0.9	6.5	0.3192583523081722	USDA's Ag Handbook 8 and sequelae)
Ulmus rubra	Bark	0.7	4.1	0.31889318866969746	--
Melicoccus bijugatas	Fruit	0.1	6.4	0.29784168792926996	--
Moringa oleifera	Fruit	0.7	6.3	0.27642502355036735	--
Passiflora ligularis	Fruit	0.6	6.2	0.25500835917146547	--
Vigna radiata	Sprout Seedling	1.0	15.0	0.21733051397161018	USDA's Ag Handbook 8 and sequelae)
Glycine max	Sprout Seedling	1.5	15.0	0.21733051397161018	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cucurbita spp	Fruit	0.4	6.0	0.21217503041366062	--
Bactris gasipaes	Fruit	1.0	6.0	0.21217503041366062	--
Musa x paradisiaca	Fruit	0.4	6.0	0.21217503041366062	--
Sclerocarya caffra	Fruit	0.5	6.0	0.21217503041366062	--
Annona muricata	Fruit	0.5	6.0	0.21217503041366062	--
Solanum torvum	Fruit	0.9	6.0	0.21217503041366062	--
Capsella bursa-pastoris	Plant	1.7	14.4	0.20823805053654482	--
Daucus carota	Root	0.6	5.0	0.20252851777870476	--
Medicago sativa	Plant	2.7	14.2	0.19430085817779952	--
Cynara cardunculus	Flower	0.6	7.0	0.18555074753411543	--
Carum carvi	Seed	3.0	4.0	0.18234587940570884	USDA's Ag Handbook 8 and sequelae)
Sinapis alba	Seed		4.0	0.18234587940570884	--
Cuminum cyminum	Seed	3.0	4.0	0.18234587940570884	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Theobroma cacao	Seed	1.0	4.0	0.18234587940570884	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Artemisia dracunculus	Plant	13.0	14.0	0.18036366581905444	USDA's Ag Handbook 8 and sequelae)
Foeniculum vulgare	Plant	1.0	14.0	0.18036366581905444	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Chenopodium album	Leaf	12.0	76.0	0.17838738368162155	--
Mimulus glabratus	Shoot	2.0	20.0	0.15136582370935983	--
Sechium edule	Fruit	0.4	5.7	0.14792503727695389	--
Ficus carica	Fruit	0.0	5.7	0.14792503727695389	--
Petroselinum crispum	Plant	1.0	13.5	0.14552068492219167	--
Platycodon grandiflorum	Root	3.9	4.7	0.13687585484454715	--
Limonia acidissima	Fruit	1.7	5.6	0.12650837289805128	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Foeniculum vulgare	Seed	0.4	3.8	0.10569504126605948	--
Annona reticulata	Fruit	0.7	5.5	0.10509170851914904	--
Annona cherimola	Fruit	1.0	5.5	0.10509170851914904	--
Raphanus sativus	Fruit	0.3	5.3	0.06225837976134417	--
Oxalis tuberosa	Root	0.3	4.3	0.04933897093233713	--
Mentha spicata	Plant	1.0	12.0	0.04099174223160336	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Averrhoa carambola	Fruit	0.2	5.2	0.04084171538244231	--
Averrhoa bilimbi	Fruit	0.25	5.2	0.04084171538244231	--
Lupinus mutabilis	Fruit	1.5	5.2	0.04084171538244231	--
Corchorus olitorius	Leaf	2.6	44.0	0.02838784393097102	--
Cucumis sativus	Fruit	0.2	5.1	0.019425051003539688	--
Mentha x piperita	Leaf	6.0	38.9	0.004481667283210983	--
Annona glabra	Fruit	0.7	5.0	-0.0019916133753625524	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cyclanthera pedata</i>	Fruit	0.3	5.0	-0.0019916133753625524	--
<i>Passiflora quadrangularis</i>	Fruit	0.3	5.0	-0.0019916133753625524	--
<i>Solanum quitoensis</i>	Fruit	0.3	5.0	-0.0019916133753625524	--
<i>Passiflora edulis</i>	Fruit	1.0	5.0	-0.0019916133753625524	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Prunus cerasus</i>	Fruit	0.0	5.0	-0.0019916133753625524	--
<i>Annona squamosa</i>	Fruit	1.0	5.0	-0.0019916133753625524	--
<i>Citrus paradisi</i>	Fruit	0.0	5.0	-0.0019916133753625524	--
<i>Glycine max</i>	Fruit	1.6	5.0	-0.0019916133753625524	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Inga edulis</i>	Seed	1.3	3.5	-0.009281215943415229	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Theobroma bicolor</i>	Seed	3.4	3.5	-0.009281215943415229	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Senna alexandrina</i>	Leaf	7.0	35.0	-0.013799526623899577	--
<i>Colocasia esculenta</i>	Leaf	3.0	35.0	-0.013799526623899577	--
<i>Malva sylvestris</i>	Leaf	2.0	35.0	-0.013799526623899577	--
<i>Brassica rapa</i>	Root	0.3	4.0	-0.0163136920018201	--
<i>Lepidium meyenii</i>	Root	3.5	4.0	-0.0163136920018201	--
<i>Pastinaca sativa</i>	Root	0.5	4.0	-0.0163136920018201	--
<i>Brassica napus var. napobrassica</i>	Root	0.4	4.0	-0.0163136920018201	USDA's Ag Handbook 8 and sequelae)
<i>Lagenaria siceraria</i>	Fruit	0.2	4.9	-0.023408277754264795	--
<i>Ephedra sinica</i>	Plant	2.3	11.0	-0.02869421956212218	--
<i>Momordica charantia</i>	Leaf	4.6	31.0	-0.0325494690927309	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hibiscus sabdariffa</i>	Leaf	1.0	31.0	-0.0325494690927309	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Lycium chinense</i>	Leaf	3.1	30.0	-0.03723695470993872	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Beta vulgaris	Root	0.2	3.9	-0.0381979129798729	--
Chrysanthemum coronarium	Leaf	1.9	29.0	-0.04192444032714655	--
Cichorium intybus	Leaf	1.0	29.0	-0.04192444032714655	USDA's Ag Handbook 8 and sequelae)
Echinacea spp	Bark		3.0	-0.04398526740271707	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Gliricidia sepium	Flower	0.8	6.0	-0.049148858721834034	--
Tamarindus indica	Flower		6.0	-0.049148858721834034	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Arachis hypogaea	Leaf	5.8	27.0	-0.05129941156156221	--
Amaranthus sp.	Leaf	1.0	26.0	-0.05598689717877004	--
Beta vulgaris	Leaf	1.7	26.0	-0.05598689717877004	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cnidioscolus chayamansa	Leaf	3.0	25.0	-0.060674382795977866	--
Lepidium sativum	Leaf	1.7	25.0	-0.060674382795977866	--
Sida rhombifolia	Leaf	4.7	24.0	-0.0653618684131857	--
Raphanus sativus	Leaf	2.6	24.0	-0.0653618684131857	--
Canavalia ensiformis	Fruit	1.0	4.7	-0.06624160651206927	--
Perilla frutescens	Leaf	3.0	23.0	-0.07004935403039353	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rumex acetosa	Leaf	2.2	22.0	-0.07473683964760136	--
Allium schoenoprasum	Leaf	1.0	22.0	-0.07473683964760136	--
Boehmeria nivea	Leaf	2.8	22.0	-0.07473683964760136	--
Carica papaya	Leaf	5.0	21.0	-0.07942432526480918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Sesamum indicum	Leaf		21.0	-0.07942432526480918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Brassica oleracea var. botrytis l.	Leaf	1.1	21.0	-0.07942432526480918	--
Coriandrum sativum	Leaf	1.0	21.0	-0.07942432526480918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Borago officinalis</i>	Leaf	1.0	21.0	-0.07942432526480918	USDA's Ag Handbook 8 and sequelae)
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf	1.1	21.0	-0.07942432526480918	--
<i>Tetragonia tetragonioides</i>	Leaf	1.0	20.0	-0.08411181088201701	--
<i>Amaranthus spinosus</i>	Leaf	1.6	20.0	-0.08411181088201701	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Erythroxylum coca</i>	Leaf	15.0	20.0	-0.08411181088201701	--
<i>Anacardium occidentale</i>	Seed	2.0	3.3	-0.08593205408306458	--
<i>Ipomoea batatas</i>	Leaf	2.6	19.0	-0.08879929649922484	--
<i>Chenopodium ambrosioides</i>	Leaf	3.0	19.0	-0.08879929649922484	--
<i>Taraxacum officinale</i>	Leaf	1.0	18.0	-0.09348678211643267	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Peperomia pereskiiifolia</i>	Leaf	2.5	17.0	-0.0981742677336405	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Sonchus oleraceus</i>	Leaf	1.0	16.0	-0.10286175335084834	--
<i>Ipomoea aquatica</i>	Leaf	1.0	16.0	-0.10286175335084834	--
<i>Zingiber officinale</i>	Rhizome	0.0	5.0	-0.10465353747473792	--
<i>Manihot esculenta</i>	Leaf	3.0	15.0	-0.10754923896805615	--
<i>Brassica chinensis</i>	Leaf	0.7	15.0	-0.10754923896805615	--
<i>Brassica rapa</i>	Leaf	0.7	15.0	-0.10754923896805615	USDA's Ag Handbook 8 and sequelae)
<i>Eugenia uniflora</i>	Fruit	0.4	4.5	-0.10907493526987413	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Quararibea cordata</i>	Fruit	0.2	4.5	-0.10907493526987413	--
<i>Piper auritum</i>	Leaf	2.4	13.5	-0.1145804673938679	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Artemisia vulgaris</i>	Leaf	1.6	13.0	-0.11692421020247182	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Centella asiatica</i>	Leaf	1.4	13.0	-0.11692421020247182	--
<i>Cichorium endivia</i>	Leaf	0.7	13.0	-0.11692421020247182	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Plectranthus amboinicus</i>	Leaf	0.7	12.5	-0.11926795301107573	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Camellia sinensis</i>	Leaf	8.0	12.0	-0.12161169581967965	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Trigonella foenum-graecum</i>	Seed	0.4	3.2	-0.12425747315288925	--
<i>Rumex crispus</i>	Leaf	0.8	10.8	-0.127236678560329	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Brassica oleracea</i> var. <i>viridis</i> l.	Leaf	0.6	10.5	-0.1286429242454914	--
<i>Allium sativum</i> var. <i>sativum</i>	Leaf	1.4	10.3	-0.1295804213689329	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Prunus armeniaca</i>	Fruit	0.4	4.4	-0.13049159964877638	USDA's Ag Handbook 8 and sequelae)
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Leaf	0.4	10.0	-0.1309866670540953	USDA's Ag Handbook 8 and sequelae)
<i>Brassica nigra</i>	Leaf	0.56	9.72	-0.1322991630269135	USDA's Ag Handbook 8 and sequelae)
<i>Allium ampeloprasum</i>	Leaf	0.6	9.4	-0.13379915842441997	--
<i>Acacia farnesiana</i>	Leaf	2.0	9.0	-0.13567415267130314	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Peperomia pelucida</i>	Leaf	0.7	9.0	-0.13567415267130314	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Vigna unguiculata</i>	Shoot	1.8	17.0	-0.1402564054554619	--
<i>Vigna unguiculata</i>	Shoot	1.8	17.0	-0.1402564054554619	USDA's Ag Handbook 8 and sequelae)
<i>Brassica oleracea</i> var. <i>sabellica</i> l.	Leaf	1.0	8.0	-0.14036163828851098	--
<i>Murraya koenigii</i>	Leaf	0.0	8.0	-0.14036163828851098	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Symphytum officinale</i>	Leaf	0.8	7.2	-0.1441116267822773	--
<i>Mimosa pudica</i>	Leaf	0.5	7.0	-0.14504912390571878	--
<i>Angelica sinensis</i>	Root	0.8	3.4	-0.14761901787013534	--
<i>Arctium lappa</i>	Root	0.8	3.4	-0.14761901787013534	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Moringa oleifera	Leaf	0.6	6.0	-0.1497366095229266	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Luffa aegyptiaca	Leaf	0.6	6.0	-0.1497366095229266	--
Erythrina fusca	Leaf	1.7	5.2	-0.15348659801669293	--
Gliricidia sepium	Leaf	0.8	5.0	-0.15442409514013444	--
Tamarindus indica	Leaf	1.0	5.0	-0.15442409514013444	--
Phaseolus vulgaris	Leaf	0.6	4.5	-0.15676783794873836	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Thymus vulgaris	Leaf	0.7	4.3	-0.15770533507217988	--
Urtica dioica	Leaf	0.9	4.3	-0.15770533507217988	--
Aralia cordata	Leaf	0.2	4.0	-0.15911158075734227	--
Morinda citrifolia	Leaf	0.9	4.0	-0.15911158075734227	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Brassica oleracea var. capitata l.	Leaf	0.0	4.0	-0.15911158075734227	--
Ocimum basilicum	Leaf	3.0	4.0	-0.15911158075734227	--
Salvia officinalis	Leaf	0.6	3.6	-0.16098657500422545	--
Pimenta dioica	Leaf	2.3	3.5	-0.1614553235659462	--
Alocasia macrorrhiza	Leaf	0.1	3.4	-0.16192407212766696	--
Arachis hypogaea	Seed	1.3	3.1	-0.1625828922271427	--
Rheum rhabarbarum	Leaf	0.2	3.0	-0.1637990663745501	--
Mangifera indica	Leaf	0.6	2.7	-0.1652053120597125	--
Chrysanthemum parthenium	Leaf	0.5	2.5	-0.16614280918315402	--
Coffea arabica	Leaf		2.0	-0.16848655199175794	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Silybum marianum	Leaf	0.4	2.0	-0.16848655199175794	--
Piper betel	Leaf	0.2	2.0	-0.16848655199175794	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ginkgo biloba	Leaf	0.3	1.2	-0.17223654048552425	--
Agathosma betulina	Leaf		1.1	-0.172705289047245	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Barosma betulina	Leaf		1.1	-0.172705289047245	--
Verbascum thapsus	Leaf	0.5	1.1	-0.172705289047245	--
Eriobotrya japonica	Fruit	0.4	4.2	-0.17332492840658087	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Catha edulis	Leaf		0.5	-0.17551778041756969	--
Anacardium occidentale	Leaf	0.1	0.3	-0.1764552775410112	--
Arctostaphylos uva-ursi	Leaf		0.0	-0.1778615232261736	--
Manihot esculenta	Root	0.2	3.2	-0.19138745982624014	--
Amorphophallus campanulatus	Root	0.2	3.2	-0.19138745982624014	--
Inula helenium	Root	0.7	3.2	-0.19138745982624014	--
Ginkgo biloba	Seed	1.0	3.0	-0.20090831129253928	--
Sesamum indicum	Seed	0.6	3.0	-0.20090831129253928	--
Helianthus annuus	Seed	2.0	3.0	-0.20090831129253928	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Anethum graveolens	Seed		3.0	-0.20090831129253928	USDA's Ag Handbook 8 and sequelae)
Pinus edulis	Seed	2.0	3.0	-0.20090831129253928	USDA's Ag Handbook 8 and sequelae)
Terminalia catappa	Seed	0.8	3.0	-0.20090831129253928	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus vulgaris	Seed	1.2	3.0	-0.20090831129253928	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vigna angularis	Seed	1.8	3.0	-0.20090831129253928	--
Cicer arietinum	Seed	2.0	3.0	-0.20090831129253928	USDA's Ag Handbook 8 and sequelae)
Pinus pinea	Seed	2.0	3.0	-0.20090831129253928	USDA's Ag Handbook 8 and sequelae)
Lupinus albus	Seed	2.0	3.0	-0.20090831129253928	--
Lens culinaris	Seed	2.0	3.0	-0.20090831129253928	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zingiber officinale	Root	0.2	3.1	-0.21327168080429257	--
Zea mays	Fruit	1.0	4.0	-0.21615825716438572	--
Artocarpus heterophyllus	Fruit	1.0	4.0	-0.21615825716438572	--
Cuminum cyminum	Fruit	3.0	4.0	-0.21615825716438572	--
Carum carvi	Fruit	3.0	4.0	-0.21615825716438572	--
Prunus persica	Fruit	1.0	4.0	-0.21615825716438572	--
Coriandrum sativum	Fruit	3.0	4.0	-0.21615825716438572	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Psidium guajava	Fruit	0.4	4.0	-0.21615825716438572	--
Persea schiedeana	Fruit	0.7	4.0	-0.21615825716438572	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Citrus reticulata	Fruit	0.0	4.0	-0.21615825716438572	--
Punica granatum	Fruit	0.0	4.0	-0.21615825716438572	--
Foeniculum vulgare	Fruit		4.0	-0.21615825716438572	--
Allium sativum var. sativum	Flower	0.6	5.2	-0.23690854372659376	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Boehmeria nivea	Shoot		16.0	-0.23746381517706913	--
Casimiroa edulis	Fruit	0.4	3.9	-0.23757492154328796	--
Rheum rhabarbarum	Pt	0.3	14.0	-0.25365954257404544	--
Passiflora mollissima	Fruit	0.3	3.8	-0.25899158592219057	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Mammea americana	Fruit	0.2	3.8	-0.25899158592219057	--
Theobroma cacao	Fruit	1.6	3.8	-0.25899158592219057	J Cell Biochem VOL. 22=1995
Vigna radiata	Seed	2.1	2.8	-0.2775591494321886	USDA's Ag Handbook 8 and sequelae)
Elaeagnus commutata	Fruit	0.5	3.6	-0.30182491467999506	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Mucuna pruriens	Seed	1.1	2.7	-0.3158845685020133	--
Spondias mombin	Fruit	0.3	3.5	-0.32324157905889733	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eryngium floridanum	Shoot		15.0	-0.33467122489867634	--
Astragalus membranaceus	Root	0.4	2.5	-0.3445770066726076	--
Vaccinium corymbosum	Fruit	0.5	3.4	-0.34465824343779955	--
Vigna unguiculata	Seed	2.3	2.6	-0.35420998757183836	USDA's Ag Handbook 8 and sequelae)
Nelumbo nucifera	Seed	0.4	2.6	-0.35420998757183836	--
Hibiscus rosa-sinensis	Flower	0.4	4.7	-0.3542583468545685	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Mangifera indica	Fruit	0.5	3.3	-0.366074907816702	--
Syzygium malaccense	Fruit	0.2	3.3	-0.366074907816702	--
Eleutherococcus senticosus	Root	0.5	2.4	-0.3664612276506602	--
Cinnamomum aromaticum	Bark	1.0	2.0	-0.373874772923094	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Sicana odorifera	Fruit	0.4	3.2	-0.3874915721956042	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pinus cembroides	Seed	2.0	2.5	-0.39253540664166336	USDA's Ag Handbook 8 and sequelae)
Achillea millefolium	Plant	1.0	5.6	-0.40499841324824026	--
Ullucus tuberosus	Root	0.2	2.2	-0.410229669606765	--
Helianthus tuberosus	Tuber	0.5	3.0	-0.4172054143150914	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Nelumbo nucifera	Rhizome	0.6	3.7	-0.4247702403386429	--
Ribes nigrum	Fruit	1.0	3.0	-0.4303249009534089	USDA's Ag Handbook 8 and sequelae)
Cyphomandra betacea	Fruit	0.3	3.0	-0.4303249009534089	--
Ananas comosus	Fruit	0.0	3.0	-0.4303249009534089	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Anethum graveolens	Fruit		3.0	-0.4303249009534089	--
Bixa orellana	Fruit	0.5	3.0	-0.4303249009534089	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Carica papaya	Fruit	0.4	3.0	-0.4303249009534089	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Trachyspermum ammi	Fruit	2.8	3.0	-0.4303249009534089	--
Actinidia chinensis	Fruit	0.5	3.0	-0.4303249009534089	--
Ribes rubrum	Fruit	1.0	3.0	-0.4303249009534089	--
Citrus aurantium	Fruit	1.0	3.0	-0.4303249009534089	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tamarindus indica	Fruit	1.0	3.0	-0.4303249009534089	USDA's Ag Handbook 8 and sequelae)
Citrus sinensis	Fruit	0.0	3.0	-0.4303249009534089	--
Sambucus canadensis	Fruit	1.0	3.0	-0.4303249009534089	USDA's Ag Handbook 8 and sequelae)
Citrus limon	Fruit	2.0	3.0	-0.4303249009534089	--
Taraxacum officinale	Root	0.3	2.1	-0.4321138905848174	--
Gentiana lutea	Root	0.5	2.1	-0.4321138905848174	--
Rosmarinus officinalis	Plant	1.5	5.0	-0.44680999032447544	USDA's Ag Handbook 8 and sequelae)
Chamaemelum nobile	Flower		4.3	-0.44813818935694794	--
Cichorium intybus	Root	0.0	2.0	-0.45399811156287	USDA's Ag Handbook 8 and sequelae)
Parthenium integrifolium	Root	0.3	2.0	-0.45399811156287	--
Hydrastis canadensis	Root	0.6	2.0	-0.45399811156287	--
Gossypium sp	Seed		2.3	-0.4691862447813127	--
Salix alba	Bark	0.3	1.7	-0.4728416245792071	--
Piper nigrum	Fruit	0.4	2.8	-0.4731582297112136	--
Vitis vinifera	Stem		6.9	-0.48723714845751276	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Pachyrhizus erosus	Tuber	0.3	2.8	-0.48821910185808576	--
Panax ginseng	Root	0.4	1.8	-0.49776655351897503	--
Phaseolus coccineus	Seed	1.1	2.2	-0.5075116638511373	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vigna mungo	Seed	2.0	2.2	-0.5075116638511373	--
Blighia sapida	Aril	1.4	4.5	-0.5080005080007637	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Hylocereus undatus</i>	Fruit	0.4	2.6	-0.5159915584690182	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Vaccinium myrtillus</i>	Fruit	0.2	2.6	-0.5159915584690182	--
<i>Hylocereus guatemalensis</i>	Fruit	0.4	2.5	-0.5374082228479204	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Phyllanthus emblica</i>	Fruit	0.4	2.5	-0.5374082228479204	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Allium sativum</i> var. <i>sativum</i>	Root	0.6	1.6	-0.5415349954750799	--
<i>Colocasia esculenta</i>	Root	0.2	1.6	-0.5415349954750799	--
<i>Glycyrrhiza glabra</i>	Root	0.3	1.6	-0.5415349954750799	--
<i>Nepeta cataria</i>	Plant	0.4	3.6	-0.5443703368356911	--
<i>Coix lacryma-jobi</i>	Seed	0.6	2.1	-0.5458370829209624	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Physalis ixocarpa</i>	Fruit	0.2	2.4	-0.5588248872268227	--
<i>Cucumis melo</i>	Fruit	0.2	2.4	-0.5588248872268227	USDA's Ag Handbook 8 and sequelae)
<i>Pyrus communis</i>	Fruit	0.4	2.4	-0.5588248872268227	--
<i>Zizyphus jujuba</i>	Fruit	0.3	2.4	-0.5588248872268227	--
<i>Vitis vinifera</i>	Plant	0.5	3.2	-0.5722447215531815	--
<i>Brosimum alicastrum</i>	Fruit	0.1	2.3	-0.5802415516057251	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Byrsonima crassifolia</i>	Fruit	0.1	2.3	-0.5802415516057251	--
<i>Cannabis sativa</i>	Seed	1.7	2.0	-0.5841625019907875	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Secale cereale</i>	Seed	1.0	2.0	-0.5841625019907875	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Chenopodium album</i>	Seed	1.0	2.0	-0.5841625019907875	--
<i>Elettaria cardamomum</i>	Seed	1.0	2.0	-0.5841625019907875	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Carthamus tinctorius</i>	Seed	1.0	2.0	-0.5841625019907875	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ruscus aculeatus	Root	0.4	1.4	-0.5853034374311851	--
Anethum graveolens	Plant		3.0	-0.5861819139119265	USDA's Ag Handbook 8 and sequelae)
Origanum majorana	Plant		3.0	-0.5861819139119265	USDA's Ag Handbook 8 and sequelae)
Opuntia ficus-indica	Fruit	0.2	2.2	-0.6016582159846274	--
Papaver somniferum	Seed	1.6	1.93	-0.6109902953396645	--
Carthamus tinctorius	Flower	0.5	3.6	-0.6124279137361128	--
Chrysanthemum parthenium	Plant		2.5	-0.6210248948087893	--
Tanacetum parthenium	Plant		2.5	-0.6210248948087893	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Spondias pinnata	Fruit	0.2	2.1	-0.6230748803635299	--
Muntingia calabura	Fruit	0.4	2.1	-0.6230748803635299	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Spondias purpurea	Fruit	0.3	2.1	-0.6230748803635299	--
Erythrina berteroana	Shoot	1.9	12.0	-0.626293454063498	--
Valeriana officinalis	Root	0.1	1.2	-0.6290718793872899	--
Scutellaria lateriflora	Plant	0.3	2.2	-0.641930683346907	--
Syzygium aromaticum	Fruit	1.0	2.0	-0.6444915447424321	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phyllanthus acidus	Fruit	0.1	2.0	-0.6444915447424321	--
Ribes uva-crispa	Fruit	0.0	2.0	-0.6444915447424321	--
Citrus aurantiifolia	Fruit	0.0	2.0	-0.6444915447424321	--
Cnicus benedictus	Plant	0.3	2.1	-0.6488992795262795	--
Polymnia edulis	Root	0.2	1.1	-0.6509561003653422	--
Dioscorea alata	Root	0.2	1.1	-0.6509561003653422	--
Avena sativa	Plant	0.4	2.0	-0.6558678757056521	--
Malva parviflora	Plant		2.0	-0.6558678757056521	--
Fagopyrum esculentum	Seed	1.7	1.8	-0.6608133401304368	--
Equisetum arvense	Plant	0.4	1.9	-0.6628364718850247	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Psidium cattleianum</i>	Fruit	0.2	1.9	-0.6659082091213343	--
<i>Phaseolus coccineus</i>	Fruit	1.4	1.9	-0.6659082091213343	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Cydonia oblonga</i>	Fruit	0.3	1.9	-0.6659082091213343	--
<i>Murraya</i> sp	Fruit	0.4	1.9	-0.6659082091213343	--
<i>Vaccinium macrocarpon</i>	Fruit	0.2	1.9	-0.6659082091213343	--
<i>Eugenia brasiliensis</i>	Fruit	0.3	1.9	-0.6659082091213343	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Cyrtosperma chamissonis</i>	Root	0.2	1.0	-0.6728403213433949	--
<i>Dioscorea pentaphylla</i>	Root	0.2	1.0	-0.6728403213433949	--
<i>Larrea tridentata</i>	Plant	0.6	1.7	-0.6767736642437697	--
<i>Trifolium pratense</i>	Flower	0.6	3.3	-0.6828377956128976	--
<i>Rollinia mucosa</i>	Fruit	0.4	1.8	-0.6873248735002367	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Xanthosoma sagittifolium</i>	Root	0.3	0.9	-0.6947245423214473	--
<i>Polygonum multiflorum</i>	Root		0.9	-0.6947245423214473	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Linum usitatissimum</i>	Seed		1.7	-0.6991387592002618	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Canavalia ensiformis</i>	Seed	1.3	1.7	-0.6991387592002618	--
<i>Cinnamomum verum</i>	Bark		1.0	-0.703764278443471	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Stellaria media</i>	Plant	0.1	1.3	-0.7046480489612599	--
<i>Chrysophyllum cainito</i>	Fruit	0.2	1.7	-0.708741537879139	--
<i>Syzygium jambos</i>	Fruit	0.3	1.7	-0.708741537879139	J Cell Biochem VOL. 22=1995
<i>Elaeis guineensis</i>	Fruit	1.0	1.7	-0.708741537879139	--
<i>Rhodymenia palmata</i>	Plant		1.1	-0.7185852413200051	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Chondrus crispus	Plant		1.1	-0.7185852413200051	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Sechium edule	Shoot	0.8	11.0	-0.7235008637851053	--
Panax quinquefolius	Plant	0.0	1.0	-0.7255538374993776	--
Eugenia floribunda	Fruit	0.2	1.6	-0.7301582022580414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vigna subterranea	Seed	1.4	1.6	-0.7374641782700865	--
Arracacia xanthorrhiza	Root	0.2	0.7	-0.7384929842775523	--
Maranta arundinacea	Root	0.2	0.7	-0.7384929842775523	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cimicifuga racemosa	Root	0.1	0.7	-0.7384929842775523	--
Sambucus nigra	Plant	0.6	0.7	-0.7464596260374953	--
Actaea racemosa	Root		0.65	-0.7494350947665785	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Dioscorea sp.	Root		0.65	-0.7494350947665785	--
Diospyros digyna	Fruit	0.3	1.5	-0.7515748666369436	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Spondias dulcis	Fruit	0.2	1.5	-0.7515748666369436	--
Alocasia macrorrhiza	Root	0.2	0.6	-0.7603772052556049	--
Dioscorea villosa	Root	0.1	0.6	-0.7603772052556049	--
Lycium chinense	Fruit		1.4	-0.7729915310158458	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Physalis peruviana	Fruit	0.2	1.4	-0.7729915310158458	--
Platonia insignis	Fruit	0.4	1.4	-0.7729915310158458	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Zizyphus spina-christi	Fruit		1.4	-0.7729915310158458	--
Althaea officinalis	Root	0.1	0.5	-0.7822614262336574	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Myrciaria cauliflora	Fruit	0.2	1.3	-0.7944081953947483	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Garcinia mangostana	Fruit	0.2	1.3	-0.7944081953947483	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Malus domestica	Fruit		1.3	-0.7944081953947483	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Phoenix dactylifera	Fruit	0.2	1.3	-0.7944081953947483	--
Fucus vesiculosus	Plant		0.0	-0.7952397992931032	--
Solanum tuberosum	Tuber	0.4	1.9	-0.8077806958015599	--
Abelmoschus esculentus	Seed		1.4	-0.8141150164097362	Wealth of India.
Prunus salicifolia	Fruit	0.2	1.2	-0.8158248597736506	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Genipa americana	Fruit	0.4	1.2	-0.8158248597736506	--
Canna indica	Root	0.1	0.3	-0.8260298681897623	--
Phaseolus acutifolius	Seed	1.2	1.3	-0.8524404354795608	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Carya illinoensis	Seed	1.1	1.3	-0.8524404354795608	--
Artocarpus altilis	Fruit	0.3	1.0	-0.8586581885314553	--
Juglans nigra	Fruit		1.0	-0.8586581885314553	--
Pouteria viridis	Fruit	0.3	0.9	-0.8800748529103575	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pouteria campechiana	Fruit	0.0	0.9	-0.8800748529103575	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Inga feuillei	Aril	0.7	4.4	-0.8890008890013339	J Cell Biochem VOL. 22=1995
Crescentia alata	Seed		1.2	-0.8907658545493858	--
Sclerocarya caffra	Seed		1.2	-0.8907658545493858	--
Brassica oleracea	Stem	0.2	2.2	-0.9061422578020815	--
Licania platypus	Fruit	0.13	0.76	-0.9100581830408209	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Bromelia pinguin	Shoot	0.4	9.0	-0.9179156832283197	--
Syzygium cumini	Fruit	0.1	0.7	-0.9229081816681621	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pimenta dioica	Fruit		0.7	-0.9229081816681621	--
Juniperus communis	Fruit	0.2	0.6	-0.9443248460470646	--
Apium graveolens	Fruit	0.1	0.6	-0.9443248460470646	--
Capparis spinosa	Flower	0.89	2.16	-0.95039534674468	--
Schisandra chinensis	Fruit	0.1	0.5	-0.9657415104259668	--
Myristica fragrans	Seed	0.0	1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bertholletia excelsa	Seed	0.35	1.0	-0.9674166926890354	USDA's Ag Handbook 8 and sequelae)
Vigna aconitifolia	Seed	0.9	1.0	-0.9674166926890354	--
Juglans nigra	Seed		1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrullus lanatus	Seed		1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Coffea arabica	Seed		1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Macadamia spp	Seed		1.0	-0.9674166926890354	USDA's Ag Handbook 8 and sequelae)
Cola acuminata	Seed		1.0	-0.9674166926890354	--
Ricinus communis	Seed		1.0	-0.9674166926890354	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lens culinaris	Sprout Seedling	1.0	5.0	-0.9767931891691071	USDA's Ag Handbook 8 and sequelae)
Manilkara zapota	Fruit	0.0	0.4	-0.987158174804869	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Syzygium aromaticum	Flower	1.0	2.0	-0.9879472837456319	--
Allium sativum var. sativum	Bulb	0.5	3.0	-1.0	--
Zea mays	Silk Stigma Style		1.5	-1.0	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Portulaca oleracea	Herb	1.0	23.0	-1.0	--
Opuntia ficus-indica	Bud		0.6	-1.0000000000000002	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Pueraria montana	Shoot		8.0	-1.015123092949927	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Frangula purshiana	Bark		0.0	-1.033653783963848	--
Quercus alba	Bark		0.0	-1.033653783963848	--
Petasites japonicus	Pt	0.2	3.6	-1.0780530559396932	USDA's Ag Handbook 8 and sequelae)
Oryza sativa	Seed	0.5	0.7	-1.0823929498985099	--
Cocos nucifera	Seed	0.2	0.7	-1.0823929498985099	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Alpinia galanga	Rhizome	0.0	1.0	-1.089628007825215	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus lunatus	Sprout Seedling	1.4	3.9	-1.108146796514586	--
Apium graveolens	Seed	0.1	0.6	-1.1207183689683347	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Pachira macrocarpa	Seed		0.6	-1.1207183689683347	--
Passiflora incarnata	Flower	0.1	0.5	-1.3399966931295562	--
Hibiscus sabdariffa	Flower	0.1	0.5	-1.3399966931295562	--
Plantago psyllium	Seed		0.0	-1.3506708833872836	--
Allium sativum var. sativum	Shoot	0.6	2.7	-1.5303223644744455	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Stevia rebaudiana	Leaf				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Rubus idaeus	Leaf				--
Zea mays	Cob	1.0	3.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Acacia nilotica	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Stachys officinalis	Plant				--
Bupleurum chinense	Root				--
Juglans nigra	Pericarp	0.1	1.0		--
Eriodictyon californicum	Leaf				--
Turnera diffusa	Leaf				--
Eupatorium perfoliatum	Plant				--
Aloe vera	Leaf				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Plantago major	Seed				--
Rhizophora mangle	Leaf				--
Rosa spp	Fruit				--
Amorphophallus konjac	Bark				--
Gymnema sylvestre	Leaf				--
Ilex paraguariensis	Leaf				--
Smilax spp	Root				--
Myrica cerifera	Bark				--
Harpagophytum procumbens	Root				--
Tabebuia heptaphylla	Bark				--
Aloe spp.	Leaf				--
Curcuma longa	Plant				--
Hydrangea arborescens	Root				--
Crataegus laevigata	Fruit				--
Lobelia inflata	Leaf				--
Sterculia urens	Gum	17.0	31.0		--
Crataegus rhipidophylla	Fruit				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Smilax officinalis	Root				--