

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

**List of Plants for RIBOFLAVIN**

Plant	Part	Low PPM	High PPM	StdDev	Reference
Justicia pectoralis	Leaf		2013.0	9.258047024213187	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Crocus sativus	Silk Stigma Style	56.0	138.0	1.0	--
Chenopodium album	Leaf	12.0	76.0	0.17838738368162155	--
Thymus vulgaris	Plant	4.0	53.0	2.898116175774351	--
Spirulina spp.	Plant		46.0	2.410314443218272	--
Spirulina pratensis	Plant		46.0	2.410314443218272	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Corchorus olitorius	Leaf	2.6	44.0	0.02838784393097102	--
Triticum aestivum	Plant	11.0	40.0	1.9921986724559189	--
Phytolacca americana	Shoot	3.0	39.0	1.9983066084198973	--
Mentha x piperita	Leaf	6.0	38.9	0.004481667283210983	--
Asparagus officinalis	Shoot	1.0	36.0	1.7066843792550757	--
Senna alexandrina	Leaf	7.0	35.0	-0.013799526623899577	--
Colocasia esculenta	Leaf	3.0	35.0	-0.013799526623899577	--
Malva sylvestris	Leaf	2.0	35.0	-0.013799526623899577	--
Apium graveolens	Pt	0.0	34.0	1.3317125985137388	--
Momordica charantia	Leaf	4.6	31.0	-0.0325494690927309	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hibiscus sabdariffa	Leaf	1.0	31.0	-0.0325494690927309	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Aegle marmelos	Fruit	12.0	31.0	5.56634112513924	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Sterculia urens	Gum	17.0	31.0		--
Lycium chinense	Leaf	3.1	30.0	-0.03723695470993872	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Chrysanthemum coronarium	Bud	2.2	30.0	1.0000000000000002	--
Moringa oleifera	Shoot	6.0	30.0	1.1234399209254322	USDA's Ag Handbook 8 and sequelae)
Chrysanthemum coronarium	Leaf	1.9	29.0	-0.04192444032714655	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cichorium intybus	Leaf	1.0	29.0	-0.04192444032714655	USDA's Ag Handbook 8 and sequelae)
Hordeum vulgare	Stem	27.0	28.0	1.3933794062595939	--
Benincasa hispida	Fruit	0.1	28.0	4.92384119377217	--
Phaseolus vulgaris	Sprout Seedling	2.5	27.0	1.6502789577404713	USDA's Ag Handbook 8 and sequelae)
Theobroma speciosum	Fruit	10.0	27.0	4.709674549983148	J Cell Biochem VOL. 22=1995
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
Tropaeolum majus	Shoot	3.5	25.5	0.6860065771781996	--
Nasturtium officinale	Herb	1.0	25.0	1.0	--
Cnidioscolus chayamansa	Leaf	3.0	25.0	-0.060674382795977866	--
Lepidium sativum	Leaf	1.7	25.0	-0.060674382795977866	--
Asparagus officinalis	Root	2.4	24.0	4.360530503608677	--
Sida rhombifolia	Leaf	4.7	24.0	-0.0653618684131857	--
Raphanus sativus	Leaf	2.6	24.0	-0.0653618684131857	--
Spinacia oleracea	Plant	1.8	23.4	0.8354117066800743	USDA's Ag Handbook 8 and sequelae)
Portulaca oleracea	Herb	1.0	23.0	-1.0	--
Solanum nigrum	Plant	1.0	23.0	0.8075373219625845	--
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

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf	1.1	21.0	-0.07942432526480918	--
<i>Coriandrum sativum</i>	Leaf	1.0	21.0	-0.07942432526480918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<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>Armoracia rusticana</i>	Root	4.0	20.0	3.485161664486578	--
<i>Mimulus glabratus</i>	Shoot	2.0	20.0	0.15136582370935983	--
<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>Capsicum annuum</i>	Fruit	0.0	19.0	2.9963413996709614	--
<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>Euphrasia officinalis</i>	Plant	3.0	18.0	0.45910751299395686	--
<i>Vigna unguiculata</i>	Shoot	1.8	17.0	-0.1402564054554619	--
<i>Peperomia pereskiifolia</i>	Leaf	2.5	17.0	-0.0981742677336405	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Vigna unguiculata</i>	Shoot	1.8	17.0	-0.1402564054554619	USDA's Ag Handbook 8 and sequelae)
<i>Anacardium occidentale</i>	Fruit	2.4	16.7	2.503758118956209	--
<i>Sonchus oleraceus</i>	Leaf	1.0	16.0	-0.10286175335084834	--
<i>Ipomoea aquatica</i>	Leaf	1.0	16.0	-0.10286175335084834	--
<i>Boehmeria nivea</i>	Shoot		16.0	-0.23746381517706913	--
<i>Elaeagnus umbellatus</i>	Fruit	2.9	16.0	2.3538414683038917	--
<i>Allium cepa</i>	Bulb	0.4	15.0	1.0	--
<i>Eryngium floridanum</i>	Shoot		15.0	-0.33467122489867634	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vigna radiata	Sprout Seedling	1.0	15.0	0.21733051397161018	USDA's Ag Handbook 8 and sequelae)
Manihot esculenta	Leaf	3.0	15.0	-0.10754923896805615	--
Brassica chinensis	Leaf	0.7	15.0	-0.10754923896805615	--
Cucurbita pepo	Flower	0.7	15.0	2.063147597581711	USDA's Ag Handbook 8 and sequelae)
Brassica rapa	Leaf	0.7	15.0	-0.10754923896805615	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
Capsella bursa-pastoris	Plant	1.7	14.4	0.20823805053654482	--
Medicago sativa	Plant	2.7	14.2	0.19430085817779952	--
Morus alba	Fruit	1.0	14.0	1.9255081807258456	--
Rheum rhabarbarum	Pt	0.3	14.0	-0.25365954257404544	--
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
Petroselinum crispum	Plant	1.0	13.5	0.14552068492219167	--
Piper auritum	Leaf	2.4	13.5	-0.1145804673938679	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cucurbita pepo	Fruit	1.1	13.1	1.732758201315725	USDA's Ag Handbook 8 and sequelae)
Calathea macrosepala	Flower	1.0	13.0	1.5937483850698122	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artemisia vulgaris	Leaf	1.6	13.0	-0.11692421020247182	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Centella asiatica	Leaf	1.4	13.0	-0.11692421020247182	--
Cichorium endivia	Leaf	0.7	13.0	-0.11692421020247182	--
Glycine max	Seed	1.7	13.0	3.631633595689942	--
Plectranthus amboinicus	Leaf	0.7	12.5	-0.11926795301107573	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Camellia sinensis	Leaf	8.0	12.0	-0.12161169581967965	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Echinacea purpurea</i>	Root	3.0	12.0	1.734423986242379	--
<i>Mentha spicata</i>	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.
<i>Erythrina berteroana</i>	Shoot	1.9	12.0	-0.626293454063498	--
<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>Curcuma longa</i>	Rhizome	0.0	12.0	1.6190517856385973	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pourouma cecropiaefolia</i>	Fruit	2.2	12.0	1.4971748931477993	J Cell Biochem VOL. 22=1995
<i>Avena sativa</i>	Seed	0.66	11.7	3.1334031477822193	Jim Duke's personal files.*
<i>Allium ampeloprasum</i>	Flower	1.9	11.2	1.171289093809103	--
<i>Sechium edule</i>	Shoot	0.8	11.0	-0.7235008637851053	--
<i>Ephedra sinica</i>	Plant	2.3	11.0	-0.02869421956212218	--
<i>Trichosanthes anguina</i>	Fruit	0.6	11.0	1.2830082493587764	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Flower	0.3	11.0	1.1243491725579133	--
<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>Rumex crispus</i>	Root	3.0	10.8	1.4718133345057491	--
<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>Humulus lupulus</i>	Flower	2.0	10.1	0.9131195269275587	--
<i>Tragopogon porrifolius</i>	Root	1.0	10.0	1.296739566681329	--
<i>Durio zibethinus</i>	Fruit	2.0	10.0	1.0688416055697534	J Cell Biochem VOL. 22=1995
<i>Annona diversifolia</i>	Fruit	0.3	10.0	1.0688416055697534	--
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Leaf	0.4	10.0	-0.1309866670540953	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Humulus lupulus</i>	Fruit		10.0	1.0688416055697534	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Brassica nigra</i>	Leaf	0.56	9.72	-0.1322991630269135	USDA's Ag Handbook 8 and sequelae)
<i>Prunus dulcis</i>	Seed	1.6	9.7	2.3668947663857227	USDA's Ag Handbook 8 and sequelae)
<i>Berberis vulgaris</i>	Bark		9.4	2.0673075679276955	--
<i>Pereskia aculeata</i>	Fruit	0.3	9.4	0.9403416192963394	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Berberis vulgaris</i>	Root		9.4	1.1654342408130138	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Allium ampeloprasum</i>	Leaf	0.6	9.4	-0.13379915842441997	--
<i>Raphanus sativus</i>	Root	0.3	9.3	1.1435500198349617	--
<i>Momordica charantia</i>	Fruit	0.4	9.0	0.8546749617807301	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Bromelia pinguin</i>	Shoot	0.4	9.0	-0.9179156832283197	--
<i>Hordeum vulgare</i>	Seed	1.0	9.0	2.0986168328969494	Jim Duke's personal files.*
<i>Eleocharis dulcis</i>	Tuber	0.2	9.0	1.7132052119747374	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<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>	Fruit	1.1	9.0	0.8546749617807301	USDA's Ag Handbook 8 and sequelae)
<i>Solanum melongena</i>	Fruit	0.2	8.8	0.8118416330229257	--
<i>Tropaeolum tuberosum</i>	Root	0.8	8.5	0.9684762520105418	--
<i>Pueraria montana</i>	Shoot		8.0	-1.015123092949927	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Lycopersicon esculentum</i>	Fruit	1.0	8.0	0.6405083179917069	--
<i>Brassica oleracea</i> var. <i>sabellica</i> l.	Leaf	1.0	8.0	-0.14036163828851098	--
<i>Pisum sativum</i>	Fruit	0.8	8.0	0.6405083179917069	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Citrullus lanatus</i>	Fruit	2.0	8.0	0.6405083179917069	--
<i>Capsicum frutescens</i>	Fruit	1.0	8.0	0.6405083179917069	--
<i>Cajanus cajan</i>	Seed	1.7	8.0	1.7153626421987014	--
<i>Fragaria spp</i>	Fruit	0.7	8.0	0.6405083179917069	--
<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>Murraya koenigii</i>	Leaf	0.0	8.0	-0.14036163828851098	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Areca catechu</i>	Seed	6.9	7.9	1.6770372231288766	--
<i>Caulophyllum thalictroides</i>	Root	1.0	7.9	0.8371709261422265	--
<i>Psophocarpus tetragonolobus</i>	Seed	1.0	7.7	1.6003863849892273	--
<i>Persea americana</i>	Fruit	1.0	7.7	0.5762583248550003	--
<i>Pouteria caimito</i>	Fruit	0.2	7.7	0.5762583248550003	--
<i>Lablab purpureus</i>	Seed	0.92	7.58	1.554395882105437	--
<i>Serenoa repens</i>	Fruit	1.0	7.3	0.4905916673393905	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Symphytum officinale</i>	Root		7.2	0.6839813792958593	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Symphytum officinale</i>	Leaf	0.8	7.2	-0.1441116267822773	--
<i>Rosa canina</i>	Fruit	1.4	7.2	0.46917500296048864	--
<i>Theobroma bicolor</i>	Fruit	1.5	7.2	0.46917500296048864	--
<i>Artocarpus altiiis</i>	Seed	1.0	7.0	1.332108451500453	--
<i>Yucca baccata</i>	Bark		7.0	1.2755727546787912	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Abelmoschus esculentus</i>	Fruit	0.6	7.0	0.42634167420268376	--
<i>Ipomoea batatas</i>	Root	0.3	7.0	0.6402129373397545	--
<i>Cynara cardunculus</i>	Flower	0.6	7.0	0.18555074753411543	--
<i>Mimosa pudica</i>	Leaf	0.5	7.0	-0.14504912390571878	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Malpighia glabra	Fruit	0.6	7.0	0.42634167420268376	--
Vitis vinifera	Stem		6.9	-0.48723714845751276	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cajanus cajan	Fruit	1.6	6.9	0.40492500982378155	--
Myrciaria dubia	Fruit	0.4	6.7	0.36209168106597706	--
Pisum sativum	Seed	1.2	6.7	1.2171321942909792	--
Yucca baccata	Root	1.4	6.7	0.5745602744055969	--
Rubus idaeus	Fruit	0.9	6.7	0.36209168106597706	Revised USDA data received 1993.
Prunus domestica	Fruit	0.9	6.5	0.3192583523081722	USDA's Ag Handbook 8 and sequelae)
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	--
Cucurbita spp	Fruit	0.4	6.0	0.21217503041366062	--
Vicia faba	Seed	1.1	6.0	0.948854260802205	USDA's Ag Handbook 8 and sequelae)
Bactris gasipaes	Fruit	1.0	6.0	0.21217503041366062	--
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
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	--
Gliricidia sepium	Flower	0.8	6.0	-0.049148858721834034	--
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
Solanum torvum	Fruit	0.9	6.0	0.21217503041366062	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Luffa aegyptiaca</i>	Leaf	0.6	6.0	-0.1497366095229266	--
<i>Tamarindus indica</i>	Flower		6.0	-0.049148858721834034	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Sechium edule</i>	Fruit	0.4	5.7	0.14792503727695389	--
<i>Ficus carica</i>	Fruit	0.0	5.7	0.14792503727695389	--
<i>Achillea millefolium</i>	Plant	1.0	5.6	-0.40499841324824026	--
<i>Limonia acidissima</i>	Fruit	1.7	5.6	0.12650837289805128	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Annona reticulata</i>	Fruit	0.7	5.5	0.10509170851914904	--
<i>Annona cherimola</i>	Fruit	1.0	5.5	0.10509170851914904	--
<i>Raphanus sativus</i>	Fruit	0.3	5.3	0.06225837976134417	--
<i>Prunus armeniaca</i>	Seed		5.3	0.6805763273134317	--
<i>Allium sativum</i> var. <i>sativum</i>	Flower	0.6	5.2	-0.23690854372659376	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Averrhoa carambola</i>	Fruit	0.2	5.2	0.04084171538244231	--
<i>Erythrina fusca</i>	Leaf	1.7	5.2	-0.15348659801669293	--
<i>Averrhoa bilimbi</i>	Fruit	0.25	5.2	0.04084171538244231	--
<i>Lupinus mutabilis</i>	Fruit	1.5	5.2	0.04084171538244231	--
<i>Phaseolus lunatus</i>	Seed	0.3	5.1	0.6039254891737816	--
<i>Cucumis sativus</i>	Fruit	0.2	5.1	0.019425051003539688	--
<i>Annona glabra</i>	Fruit	0.7	5.0	-0.0019916133753625524	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Myristica fragrans</i>	Aril	4.0	5.0	1.3970013970020942	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cyclanthera pedata</i>	Fruit	0.3	5.0	-0.0019916133753625524	--
<i>Gliricidia sepium</i>	Leaf	0.8	5.0	-0.15442409514013444	--
<i>Passiflora quadrangularis</i>	Fruit	0.3	5.0	-0.0019916133753625524	--
<i>Solanum quitoensis</i>	Fruit	0.3	5.0	-0.0019916133753625524	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Passiflora edulis	Fruit	1.0	5.0	-0.0019916133753625524	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Zingiber officinale	Rhizome	0.0	5.0	-0.10465353747473792	--
Prunus cerasus	Fruit	0.0	5.0	-0.0019916133753625524	--
Daucus carota	Root	0.6	5.0	0.20252851777870476	--
Tamarindus indica	Leaf	1.0	5.0	-0.15442409514013444	--
Rosmarinus officinalis	Plant	1.5	5.0	-0.44680999032447544	USDA's Ag Handbook 8 and sequelae)
Annona squamosa	Fruit	1.0	5.0	-0.0019916133753625524	--
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.
Lens culinaris	Sprout Seedling	1.0	5.0	-0.9767931891691071	USDA's Ag Handbook 8 and sequelae)
Citrus paradisi	Fruit	0.0	5.0	-0.0019916133753625524	--
Glycine max	Fruit	1.6	5.0	-0.0019916133753625524	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cucurbita pepo	Seed	2.7	4.9	0.5272746510341323	--
Lagenaria siceraria	Fruit	0.2	4.9	-0.023408277754264795	--
Lupinus mutabilis	Seed	4.4	4.9	0.5272746510341323	--
Platycodon grandiflorum	Root	3.9	4.7	0.13687585484454715	--
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.
Canavalia ensiformis	Fruit	1.0	4.7	-0.06624160651206927	--
Eugenia uniflora	Fruit	0.4	4.5	-0.10907493526987413	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Quararibea cordata	Fruit	0.2	4.5	-0.10907493526987413	--
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>Phaseolus vulgaris</i>	Leaf	0.6	4.5	-0.15676783794873836	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Vigna unguiculata</i>	Seed	1.5	4.5	0.3739729747548329	USDA's Ag Handbook 8 and sequelae)
<i>Inga feuillei</i>	Aril	0.7	4.4	-0.8890008890013339	J Cell Biochem VOL. 22=1995
<i>Corylus avellana</i>	Seed	0.6	4.4	0.3356475556850082	--
<i>Prunus armeniaca</i>	Fruit	0.4	4.4	-0.13049159964877638	USDA's Ag Handbook 8 and sequelae)
<i>Thymus vulgaris</i>	Leaf	0.7	4.3	-0.15770533507217988	--
<i>Urtica dioica</i>	Leaf	0.9	4.3	-0.15770533507217988	--
<i>Oxalis tuberosa</i>	Root	0.3	4.3	0.04933897093233713	--
<i>Chamaemelum nobile</i>	Flower		4.3	-0.44813818935694794	--
<i>Eriobotrya japonica</i>	Fruit	0.4	4.2	-0.17332492840658087	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Ulmus rubra</i>	Bark	0.7	4.1	0.31889318866969746	--
<i>Carum carvi</i>	Seed	3.0	4.0	0.18234587940570884	USDA's Ag Handbook 8 and sequelae)
<i>Aralia cordata</i>	Leaf	0.2	4.0	-0.15911158075734227	--
<i>Zea mays</i>	Fruit	1.0	4.0	-0.21615825716438572	--
<i>Sinapis alba</i>	Seed		4.0	0.18234587940570884	--
<i>Artocarpus heterophyllus</i>	Fruit	1.0	4.0	-0.21615825716438572	--
<i>Brassica rapa</i>	Root	0.3	4.0	-0.0163136920018201	--
<i>Cuminum cyminum</i>	Fruit	3.0	4.0	-0.21615825716438572	--
<i>Carum carvi</i>	Fruit	3.0	4.0	-0.21615825716438572	--
<i>Prunus persica</i>	Fruit	1.0	4.0	-0.21615825716438572	--
<i>Lepidium meyenii</i>	Root	3.5	4.0	-0.0163136920018201	--
<i>Coriandrum sativum</i>	Fruit	3.0	4.0	-0.21615825716438572	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Psidium guajava</i>	Fruit	0.4	4.0	-0.21615825716438572	--
<i>Morinda citrifolia</i>	Leaf	0.9	4.0	-0.15911158075734227	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	0.0	4.0	-0.15911158075734227	--
<i>Cuminum cyminum</i>	Seed	3.0	4.0	0.18234587940570884	--
<i>Persea schiedeana</i>	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.
<i>Pastinaca sativa</i>	Root	0.5	4.0	-0.0163136920018201	--
<i>Brassica napus</i> var. <i>napobrassica</i>	Root	0.4	4.0	-0.0163136920018201	USDA's Ag Handbook 8 and sequelae)
<i>Citrus reticulata</i>	Fruit	0.0	4.0	-0.21615825716438572	--
<i>Punica granatum</i>	Fruit	0.0	4.0	-0.21615825716438572	--
<i>Foeniculum vulgare</i>	Fruit		4.0	-0.21615825716438572	--
<i>Ocimum basilicum</i>	Leaf	3.0	4.0	-0.15911158075734227	--
<i>Theobroma cacao</i>	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.
<i>Casimiroa edulis</i>	Fruit	0.4	3.9	-0.23757492154328796	--
<i>Phaseolus lunatus</i>	Sprout Seedling	1.4	3.9	-1.108146796514586	--
<i>Beta vulgaris</i>	Root	0.2	3.9	-0.0381979129798729	--
<i>Foeniculum vulgare</i>	Seed	0.4	3.8	0.10569504126605948	--
<i>Passiflora mollissima</i>	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.
<i>Mammea americana</i>	Fruit	0.2	3.8	-0.25899158592219057	--
<i>Theobroma cacao</i>	Fruit	1.6	3.8	-0.25899158592219057	J Cell Biochem VOL. 22=1995
<i>Nelumbo nucifera</i>	Rhizome	0.6	3.7	-0.4247702403386429	--
<i>Nepeta cataria</i>	Plant	0.4	3.6	-0.5443703368356911	--
<i>Salvia officinalis</i>	Leaf	0.6	3.6	-0.16098657500422545	--
<i>Carthamus tinctorius</i>	Flower	0.5	3.6	-0.6124279137361128	--
<i>Petasites japonicus</i>	Pt	0.2	3.6	-1.0780530559396932	USDA's Ag Handbook 8 and sequelae)
<i>Elaeagnus commutata</i>	Fruit	0.5	3.6	-0.30182491467999506	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Inga edulis</i>	Seed	1.3	3.5	-0.009281215943415229	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pimenta dioica</i>	Leaf	2.3	3.5	-0.1614553235659462	--
<i>Theobroma bicolor</i>	Seed	3.4	3.5	-0.009281215943415229	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Spondias mombin</i>	Fruit	0.3	3.5	-0.32324157905889733	--
<i>Vaccinium corymbosum</i>	Fruit	0.5	3.4	-0.34465824343779955	--
<i>Angelica sinensis</i>	Root	0.8	3.4	-0.14761901787013534	--
<i>Arctium lappa</i>	Root	0.8	3.4	-0.14761901787013534	--
<i>Alocasia macrorrhiza</i>	Leaf	0.1	3.4	-0.16192407212766696	--
<i>Mangifera indica</i>	Fruit	0.5	3.3	-0.366074907816702	--
<i>Trifolium pratense</i>	Flower	0.6	3.3	-0.6828377956128976	--
<i>Anacardium occidentale</i>	Seed	2.0	3.3	-0.08593205408306458	--
<i>Syzygium malaccense</i>	Fruit	0.2	3.3	-0.366074907816702	--
<i>Sicana odorifera</i>	Fruit	0.4	3.2	-0.3874915721956042	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Vitis vinifera</i>	Plant	0.5	3.2	-0.5722447215531815	--
<i>Manihot esculenta</i>	Root	0.2	3.2	-0.19138745982624014	--
<i>Amorphophallus campanulatus</i>	Root	0.2	3.2	-0.19138745982624014	--
<i>Trigonella foenum-graecum</i>	Seed	0.4	3.2	-0.12425747315288925	--
<i>Inula helenium</i>	Root	0.7	3.2	-0.19138745982624014	--
<i>Zingiber officinale</i>	Root	0.2	3.1	-0.21327168080429257	--
<i>Arachis hypogaea</i>	Seed	1.3	3.1	-0.16258289222271427	--
<i>Ribes nigrum</i>	Fruit	1.0	3.0	-0.4303249009534089	USDA's Ag Handbook 8 and sequelae)
<i>Cyphomandra betacea</i>	Fruit	0.3	3.0	-0.4303249009534089	--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb	0.5	3.0	-1.0	--
<i>Ananas comosus</i>	Fruit	0.0	3.0	-0.4303249009534089	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Anethum graveolens	Fruit		3.0	-0.4303249009534089	--
Anethum graveolens	Plant		3.0	-0.5861819139119265	USDA's Ag Handbook 8 and sequelae)
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	--
Origanum majorana	Plant		3.0	-0.5861819139119265	USDA's Ag Handbook 8 and sequelae)
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)
Echinacea spp	Bark		3.0	-0.04398526740271707	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Trachyspermum ammi	Fruit	2.8	3.0	-0.4303249009534089	--
Actinidia chinensis	Fruit	0.5	3.0	-0.4303249009534089	--
Rheum rhabarbarum	Leaf	0.2	3.0	-0.1637990663745501	--
Ribes rubrum	Fruit	1.0	3.0	-0.4303249009534089	--
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
Citrus aurantium	Fruit	1.0	3.0	-0.4303249009534089	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)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pinus pinea	Seed	2.0	3.0	-0.20090831129253928	USDA's Ag Handbook 8 and sequelae)
Helianthus tuberosus	Tuber	0.5	3.0	-0.4172054143150914	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)
Lupinus albus	Seed	2.0	3.0	-0.20090831129253928	--
Lens culinaris	Seed	2.0	3.0	-0.20090831129253928	--
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	--
Pachyrhizus erosus	Tuber	0.3	2.8	-0.48821910185808576	--
Vigna radiata	Seed	2.1	2.8	-0.2775591494321886	USDA's Ag Handbook 8 and sequelae)
Piper nigrum	Fruit	0.4	2.8	-0.4731582297112136	--
Allium sativum var. sativum	Shoot	0.6	2.7	-1.5303223644744455	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Mangifera indica	Leaf	0.6	2.7	-0.1652053120597125	--
Mucuna pruriens	Seed	1.1	2.7	-0.3158845685020133	--
Hylocereus undatus	Fruit	0.4	2.6	-0.5159915584690182	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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	--
Vaccinium myrtillus	Fruit	0.2	2.6	-0.5159915584690182	--
Astragalus membranaceus	Root	0.4	2.5	-0.3445770066726076	--
Hylocereus guatemalensis	Fruit	0.4	2.5	-0.5374082228479204	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Chrysanthemum parthenium	Plant		2.5	-0.6210248948087893	--
Pinus cembroides	Seed	2.0	2.5	-0.39253540664166336	USDA's Ag Handbook 8 and sequelae)
Chrysanthemum parthenium	Leaf	0.5	2.5	-0.16614280918315402	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Phyllanthus emblica	Fruit	0.4	2.5	-0.5374082228479204	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tanacetum parthenium	Plant		2.5	-0.6210248948087893	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Eleutherococcus senticosus	Root	0.5	2.4	-0.3664612276506602	--
Physalis ixocarpa	Fruit	0.2	2.4	-0.5588248872268227	--
Cucumis melo	Fruit	0.2	2.4	-0.5588248872268227	USDA's Ag Handbook 8 and sequelae)
Pyrus communis	Fruit	0.4	2.4	-0.5588248872268227	--
Zizyphus jujuba	Fruit	0.3	2.4	-0.5588248872268227	--
Brosimum alicastrum	Fruit	0.1	2.3	-0.5802415516057251	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Byrsonima crassifolia	Fruit	0.1	2.3	-0.5802415516057251	--
Gossypium sp	Seed		2.3	-0.4691862447813127	--
Phaseolus coccineus	Seed	1.1	2.2	-0.5075116638511373	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ullucus tuberosus	Root	0.2	2.2	-0.410229669606765	--
Opuntia ficus-indica	Fruit	0.2	2.2	-0.6016582159846274	--
Scutellaria lateriflora	Plant	0.3	2.2	-0.641930683346907	--
Vigna mungo	Seed	2.0	2.2	-0.5075116638511373	--
Brassica oleracea	Stem	0.2	2.2	-0.9061422578020815	--
Capparis spinosa	Flower	0.89	2.16	-0.95039534674468	--
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	--
Cnicus benedictus	Plant	0.3	2.1	-0.6488992795262795	--
Taraxacum officinale	Root	0.3	2.1	-0.4321138905848174	--
Gentiana lutea	Root	0.5	2.1	-0.4321138905848174	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Coix lacryma-jobi	Seed	0.6	2.1	-0.5458370829209624	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cannabis sativa	Seed	1.7	2.0	-0.5841625019907875	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Syzygium aromaticum	Fruit	1.0	2.0	-0.6444915447424321	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cinnamomum aromaticum	Bark	1.0	2.0	-0.373874772923094	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Avena sativa	Plant	0.4	2.0	-0.6558678757056521	--
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	--
Secale cereale	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.
Chenopodium album	Seed	1.0	2.0	-0.5841625019907875	--
Coffea arabica	Leaf		2.0	-0.16848655199175794	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Malva parviflora	Plant		2.0	-0.6558678757056521	--
Phyllanthus acidus	Fruit	0.1	2.0	-0.6444915447424321	--
Syzygium aromaticum	Flower	1.0	2.0	-0.9879472837456319	--
Ribes uva-crispa	Fruit	0.0	2.0	-0.6444915447424321	--
Elettaria cardamomum	Seed	1.0	2.0	-0.5841625019907875	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus aurantiifolia	Fruit	0.0	2.0	-0.6444915447424321	--
Silybum marianum	Leaf	0.4	2.0	-0.16848655199175794	--
Hydrastis canadensis	Root	0.6	2.0	-0.45399811156287	--
Piper betel	Leaf	0.2	2.0	-0.16848655199175794	--
Carthamus tinctorius	Seed	1.0	2.0	-0.5841625019907875	--
Papaver somniferum	Seed	1.6	1.93	-0.6109902953396645	--
Psidium cattleianum	Fruit	0.2	1.9	-0.6659082091213343	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Phaseolus coccineus	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.
Cydonia oblonga	Fruit	0.3	1.9	-0.6659082091213343	--
Murraya sp	Fruit	0.4	1.9	-0.6659082091213343	--
Vaccinium macrocarpon	Fruit	0.2	1.9	-0.6659082091213343	--
Solanum tuberosum	Tuber	0.4	1.9	-0.8077806958015599	--
Equisetum arvense	Plant	0.4	1.9	-0.6628364718850247	--
Eugenia brasiliensis	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.
Fagopyrum esculentum	Seed	1.7	1.8	-0.6608133401304368	--
Rollinia mucosa	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.
Panax ginseng	Root	0.4	1.8	-0.49776655351897503	--
Linum usitatissimum	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.
Salix alba	Bark	0.3	1.7	-0.4728416245792071	--
Larrea tridentata	Plant	0.6	1.7	-0.6767736642437697	--
Chrysophyllum cainito	Fruit	0.2	1.7	-0.708741537879139	--
Syzygium jambos	Fruit	0.3	1.7	-0.708741537879139	J Cell Biochem VOL. 22=1995
Canavalia ensiformis	Seed	1.3	1.7	-0.6991387592002618	--
Elaeis guineensis	Fruit	1.0	1.7	-0.708741537879139	--
Allium sativum var. sativum	Root	0.6	1.6	-0.5415349954750799	--
Eugenia floribunda	Fruit	0.2	1.6	-0.7301582022580414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Colocasia esculenta	Root	0.2	1.6	-0.5415349954750799	--
Vigna subterranea	Seed	1.4	1.6	-0.7374641782700865	--
Glycyrrhiza glabra	Root	0.3	1.6	-0.5415349954750799	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Zea mays</i>	Silk Stigma Style		1.5	-1.0	--
<i>Diospyros digyna</i>	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.
<i>Spondias dulcis</i>	Fruit	0.2	1.5	-0.7515748666369436	--
<i>Lycium chinense</i>	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.
<i>Physalis peruviana</i>	Fruit	0.2	1.4	-0.7729915310158458	--
<i>Ruscus aculeatus</i>	Root	0.4	1.4	-0.5853034374311851	--
<i>Platonia insignis</i>	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.
<i>Abelmoschus esculentus</i>	Seed		1.4	-0.8141150164097362	Wealth of India.
<i>Zizyphus spina-christi</i>	Fruit		1.4	-0.7729915310158458	--
<i>Myrciaria cauliflora</i>	Fruit	0.2	1.3	-0.7944081953947483	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Garcinia mangostana</i>	Fruit	0.2	1.3	-0.7944081953947483	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Malus domestica</i>	Fruit		1.3	-0.7944081953947483	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Phoenix dactylifera</i>	Fruit	0.2	1.3	-0.7944081953947483	--
<i>Stellaria media</i>	Plant	0.1	1.3	-0.7046480489612599	--
<i>Phaseolus acutifolius</i>	Seed	1.2	1.3	-0.8524404354795608	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Carya illinoensis</i>	Seed	1.1	1.3	-0.8524404354795608	--
<i>Crescentia alata</i>	Seed		1.2	-0.8907658545493858	--
<i>Prunus salicifolia</i>	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.
<i>Genipa americana</i>	Fruit	0.4	1.2	-0.8158248597736506	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sclerocarya caffra</i>	Seed		1.2	-0.8907658545493858	--
<i>Ginkgo biloba</i>	Leaf	0.3	1.2	-0.17223654048552425	--
<i>Valeriana officinalis</i>	Root	0.1	1.2	-0.6290718793872899	--
<i>Agathosma betulina</i>	Leaf		1.1	-0.172705289047245	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Polymnia edulis</i>	Root	0.2	1.1	-0.6509561003653422	--
<i>Dioscorea alata</i>	Root	0.2	1.1	-0.6509561003653422	--
<i>Barosma betulina</i>	Leaf		1.1	-0.172705289047245	--
<i>Verbascum thapsus</i>	Leaf	0.5	1.1	-0.172705289047245	--
<i>Rhodymenia palmata</i>	Plant		1.1	-0.7185852413200051	--
<i>Chondrus crispus</i>	Plant		1.1	-0.7185852413200051	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Artocarpus altilis</i>	Fruit	0.3	1.0	-0.8586581885314553	--
<i>Myristica fragrans</i>	Seed	0.0	1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Bertholletia excelsa</i>	Seed	0.35	1.0	-0.9674166926890354	USDA's Ag Handbook 8 and sequelae)
<i>Cyrtosperma chamissonis</i>	Root	0.2	1.0	-0.6728403213433949	--
<i>Juglans nigra</i>	Pericarp	0.1	1.0		--
<i>Vigna aconitifolia</i>	Seed	0.9	1.0	-0.9674166926890354	--
<i>Cinnamomum verum</i>	Bark		1.0	-0.703764278443471	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Juglans nigra</i>	Fruit		1.0	-0.8586581885314553	--
<i>Juglans nigra</i>	Seed		1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Citrullus lanatus</i>	Seed		1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Coffea arabica</i>	Seed		1.0	-0.9674166926890354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Macadamia spp</i>	Seed		1.0	-0.9674166926890354	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Dioscorea pentaphylla	Root	0.2	1.0	-0.6728403213433949	--
Cola acuminata	Seed		1.0	-0.9674166926890354	--
Alpinia galanga	Rhizome	0.0	1.0	-1.089628007825215	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Panax quinquefolius	Plant	0.0	1.0	-0.7255538374993776	--
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.
Xanthosoma sagittifolium	Root	0.3	0.9	-0.6947245423214473	--
Pouteria viridis	Fruit	0.3	0.9	-0.8800748529103575	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Polygonum multiflorum	Root		0.9	-0.6947245423214473	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Pouteria campechiana	Fruit	0.0	0.9	-0.8800748529103575	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
Arracacia xanthorrhiza	Root	0.2	0.7	-0.7384929842775523	--
Sambucus nigra	Plant	0.6	0.7	-0.7464596260374953	--
Oryza sativa	Seed	0.5	0.7	-1.0823929498985099	--
Maranta arundinacea	Root	0.2	0.7	-0.7384929842775523	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Syzygium cumini	Fruit	0.1	0.7	-0.9229081816681621	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cimicifuga racemosa	Root	0.1	0.7	-0.7384929842775523	--
Pimenta dioica	Fruit		0.7	-0.9229081816681621	--
Cocos nucifera	Seed	0.2	0.7	-1.0823929498985099	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Actaea racemosa	Root		0.65	-0.7494350947665785	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Dioscorea sp.	Root		0.65	-0.7494350947665785	--
Apium graveolens	Seed	0.1	0.6	-1.1207183689683347	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Juniperus communis	Fruit	0.2	0.6	-0.9443248460470646	--
Opuntia ficus-indica	Bud		0.6	-1.0000000000000002	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Pachira macrocarpa	Seed		0.6	-1.1207183689683347	--
Apium graveolens	Fruit	0.1	0.6	-0.9443248460470646	--
Alocasia macrorrhiza	Root	0.2	0.6	-0.7603772052556049	--
Dioscorea villosa	Root	0.1	0.6	-0.7603772052556049	--
Catha edulis	Leaf		0.5	-0.17551778041756969	--
Althaea officinalis	Root	0.1	0.5	-0.7822614262336574	--
Passiflora incarnata	Flower	0.1	0.5	-1.3399966931295562	--
Hibiscus sabdariffa	Flower	0.1	0.5	-1.3399966931295562	--
Schisandra chinensis	Fruit	0.1	0.5	-0.9657415104259668	--
Manilkara zapota	Fruit	0.0	0.4	-0.987158174804869	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Anacardium occidentale	Leaf	0.1	0.3	-0.1764552775410112	--
Canna indica	Root	0.1	0.3	-0.8260298681897623	--
Fucus vesiculosus	Plant		0.0	-0.7952397992931032	--
Plantago psyllium	Seed		0.0	-1.3506708833872836	--
Frangula purshiana	Bark		0.0	-1.033653783963848	--
Arctostaphylos uva-ursi	Leaf		0.0	-0.1778615232261736	--
Quercus alba	Bark		0.0	-1.033653783963848	--
Stevia rebaudiana	Leaf				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Rubus idaeus	Leaf				--
Acacia nilotica	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Stachys officinalis	Plant				--
Bupleurum chinense	Root				--
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				--
Crataegus rhipidophylla	Fruit				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Smilax officinalis	Root				--