

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Abelmoschus esculentus</u>	Fruit	0.8	20.0	1.9	Duke, 1992 *
<u>Acacia farnesiana</u>	Leaf	2.0	11.0	0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Acacia nilotica</u>	Plant	not available	not available	not available	Duke, 1992 *
<u>Achillea millefolium</u>	Plant	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Actinidia chinensis</u>	Fruit	0.2	1.0	-0.6	Duke, 1992 *
<u>Agathosma betulina</u>	Leaf	7.0	19.0	2.2	Duke, 1992 *
<u>Agrimonia eupatoria</u>	Leaf	not available	2.4	-1.2	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
<u>Aleurites moluccana</u>	Seed	not available	0.6	-1.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Allium ampeloprasum</u>	Flower	1.4	8.3	0.9	Duke, 1992 *
<u>Allium ampeloprasum</u>	Leaf	0.9	8.5	0.0	Duke, 1992 *
<u>Allium ampeloprasum</u>	Root	1.1	8.0	0.1	Duke, 1992 *
<u>Allium cepa</u>	Bulb	0.3	6.0	-1.0	Duke, 1992 *
<u>Allium cepa</u>	Leaf	0.5	6.4	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Allium sativum var. sativum</u>	Bulb	0.0	8.0	1.0	Duke, 1992 *
<u>Allium sativum var. sativum</u>	Flower	1.1	9.5	1.2	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Allium sativum var. sativum</u>	Leaf	1.1	8.1	0.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Allium sativum var. sativum</u>	Shoot	1.4	6.3	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Allium schoenoprasum</u>	Leaf	0.5	12.0	0.8	Duke, 1992 *
<u>Alocasia macrorrhiza</u>	Leaf	0.1	0.9	-1.5	Duke, 1992 *
<u>Alocasia macrorrhiza</u>	Root	0.2	3.0	-0.3	Duke, 1992 *
<u>Aloe vera</u>	Leaf	not available	0.8	-1.6	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Alpinia galanga</u>	Rhizome	1.0	4.0	-0.8	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Althaea officinalis</u>	Root	not available	1.0	-0.5	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Amaranthus sp.</u>	Leaf	1.0	7.0	-0.3	Duke, 1992 *
<u>Amorphophallus campanulatus</u>	Root	0.5	2.8	-0.3	Duke, 1992 *
<u>Amorphophallus konjac</u>	Root	not available	not available	not available	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Anacardium occidentale</u>	Fruit	0.3	2.1	-0.4	Duke, 1992 *
<u>Anacardium occidentale</u>	Leaf	0.1	0.3	-1.7	Duke, 1992 *
<u>Anacardium occidentale</u>	Seed	2.0	8.7	0.5	Duke, 1992 *
<u>Ananas comosus</u>	Fruit	0.0	7.0	0.2	Duke, 1992 *
<u>Anethum graveolens</u>	Fruit	4.0	5.0	0.0	Duke, 1992 *
<u>Anethum graveolens</u>	Plant	4.0	5.0	-0.2	USDA's Ag Handbook 8 and sequelae)
<u>Angelica sinensis</u>	Root	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Annona cherimola</u>	Fruit	1.0	4.0	-0.2	Duke, 1992 *
<u>Annona muricata</u>	Fruit	0.7	4.8	-0.1	Duke, 1992 *
<u>Annona reticulata</u>	Fruit	0.7	5.0	0.0	Duke, 1992 *
<u>Annona squamosa</u>	Fruit	1.0	5.0	0.0	Duke, 1992 *
<u>Apium graveolens</u>	Pt	0.0	10.0	1.3	Duke, 1992 *
<u>Arachis hypogaea</u>	Leaf	2.3	11.0	0.6	Duke, 1992 *
<u>Arachis hypogaea</u>	Seed	6.0	17.0	2.5	Duke, 1992 *
<u>Aralia cordata</u>	Leaf	0.6	13.0	1.0	Duke, 1992 *
<u>Arctium lappa</u>	Root	1.0	11.0	0.4	Duke, 1992 *
<u>Arctostaphylos uva-ursi</u>	Leaf	not available	1.0	-1.5	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Areca catechu</u>	Seed	1.7	1.9	-1.1	Duke, 1992 *
<u>Armoracia rusticana</u>	Root	0.0	3.0	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

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<u>Arracacia xanthorrhiza</u>	Root	0.7	2.4	-0.4	Duke, 1992 *
<u>Artemisia dracunculus</u>	Plant	2.0	3.0	-0.4	Duke, 1992 *
<u>Artemisia vulgaris</u>	Leaf	1.5	12.0	0.8	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Artocarpus altilis</u>	Fruit	1.0	4.0	-0.2	Duke, 1992 *
<u>Artocarpus altilis</u>	Seed	2.0	10.0	0.8	Duke, 1992 *
<u>Artocarpus heterophyllus</u>	Fruit	0.3	3.0	-0.3	Duke, 1992 *
<u>Asparagus officinalis</u>	Shoot	1.0	26.0	1.2	Duke, 1992 *
<u>Avena sativa</u>	Plant	0.9	4.0	-0.3	Jim Duke's personal files.*
<u>Avena sativa</u>	Seed	2.6	12.1	1.3	Duke, 1992 *
<u>Barosma betulina</u>	Leaf	7.0	19.0	2.2	Duke, 1992 *
<u>Basella alba</u>	Leaf	0.5	7.0	-0.3	Duke, 1992 *
<u>Benincasa hispida</u>	Fruit	0.0	10.0	0.6	Duke, 1992 *
<u>Berberis vulgaris</u>	Root	not available	10.0	0.3	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Bertholletia excelsa</u>	Seed	not available	10.0	0.8	USDA's Ag Handbook 8 and sequelae)
<u>Beta vulgaris</u>	Leaf	0.6	14.0	1.2	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Beta vulgaris</u>	Root	0.1	2.4	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Blighia sapida	Aril	1.3	4.0	1.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Blighia sapida	Seed	0.7	7.0	0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Boehmeria nivea	Leaf	0.3	2.3	-1.3	Duke, 1992 *
Boehmeria nivea	Shoot	not available	7.0	-0.6	Duke, 1992 *
Borago officinalis	Leaf	1.0	9.0	0.1	USDA's Ag Handbook 8 and sequelae)
Brassica chinensis	Leaf	0.4	9.0	0.1	Duke, 1992 *
Brassica napus var. napobrassica	Root	1.0	9.0	0.2	USDA's Ag Handbook 8 and sequelae)
Brassica nigra	Leaf	0.4	7.7	-0.1	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea var. botrytis l.	Leaf	0.6	8.0	-0.1	Duke, 1992 *
Brassica oleracea var. gemmifera	Leaf	1.3	11.0	0.6	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea var. capitata l.	Leaf	0.5	10.0	0.4	Duke, 1992 *
Brassica oleracea var. viridis l.	Leaf	0.3	4.8	-0.7	Duke, 1992 *
Brassica oleracea var. sabellica l.	Leaf	1.0	7.0	-0.3	Duke, 1992 *
Brassica oleracea	Stem	0.5	5.5	-1.4	Duke, 1992 *
Brassica rapa	Root	0.4	5.0	-0.1	Duke, 1992 *
Bromelia pinguin	Shoot	0.2	3.8	-0.9	Duke, 1992 *
Cajanus cajan	Fruit	3.4	12.4	0.9	Duke, 1992 *
Cajanus cajan	Seed	4.0	13.0	1.5	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Camellia sinensis</u>	Leaf	1.0	4.0	-0.9	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Canavalia ensiformis</u>	Fruit	1.0	10.0	0.6	Duke, 1992 *
<u>Canavalia ensiformis</u>	Seed	4.6	8.6	0.5	Duke, 1992 *
<u>Canna indica</u>	Root	0.3	1.0	-0.5	Duke, 1992 *
<u>Cannabis sativa</u>	Seed	3.2	3.7	-0.7	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Capparis spinosa</u>	Flower	0.7	0.7	-1.3	Duke, 1992 *
<u>Capsella bursa-pastoris</u>	Plant	2.5	21.2	1.2	Duke, 1992 *
<u>Capsicum annuum</u>	Fruit	1.0	15.0	1.2	USDA's Ag Handbook 8 and sequelae)
<u>Capsicum frutescens</u>	Fruit	0.0	8.0	0.3	USDA's Ag Handbook 8 and sequelae)
<u>Carica papaya</u>	Fruit	0.2	2.6	-0.3	USDA's Ag Handbook 8 and sequelae)
<u>Carica papaya</u>	Leaf	1.0	4.0	-0.9	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Carthamus tinctorius</u>	Seed	5.9	6.2	-0.1	Duke, 1992 *
<u>Carum carvi</u>	Fruit	3.0	4.0	-0.2	Duke, 1992 *
<u>Carya illinoensis</u>	Seed	7.2	8.9	0.6	Duke, 1992 *
<u>Catha edulis</u>	Leaf	not available	0.5	-1.6	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Caulophyllum thalictroides</u>	Root	not available	9.3	0.2	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Centella asiatica</u>	Leaf	1.5	14.0	1.2	Duke, 1992 *
<u>Chamaemelum nobile</u>	Flower	not available	0.8	-1.3	Duke, 1992 *
<u>Chenopodium album</u>	Leaf	1.0	10.0	0.4	Duke, 1992 *
<u>Chenopodium album</u>	Seed	1.0	2.0	-1.1	Duke, 1992 *
<u>Chenopodium ambrosioides</u>	Leaf	0.6	4.0	-0.9	Duke, 1992 *
<u>Chondrus crispus</u>	Plant	not available	2.3	-0.5	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Chrysanthemum coronarium</u>	Bud	0.3	4.2	1.0	Duke, 1992 *
<u>Chrysanthemum coronarium</u>	Leaf	0.9	14.0	1.2	Duke, 1992 *
<u>Chrysanthemum parthenium</u>	Plant	not available	4.1	-0.3	Duke, 1992 *
<u>Cicer arietinum</u>	Seed	4.0	6.0	-0.1	USDA's Ag Handbook 8 and sequelae)
<u>Cichorium endivia</u>	Leaf	0.7	14.0	1.2	Duke, 1992 *
<u>Cichorium intybus</u>	Leaf	1.0	14.0	1.2	USDA's Ag Handbook 8 and sequelae)
<u>Cichorium intybus</u>	Root	0.0	2.0	-0.4	USDA's Ag Handbook 8 and sequelae)
<u>Cimicifuga racemosa</u>	Root	not available	58.0	4.6	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Cinnamomum aromaticum</u>	Bark	not available	1.0	-0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Cinnamomum verum</u>	Bark	not available	1.0	-0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Citrullus lanatus</u>	Fruit	4.0	9.0	0.5	Duke, 1992 *
<u>Citrus aurantiifolia</u>	Fruit	0.0	3.0	-0.3	Duke, 1992 *
<u>Citrus limon</u>	Fruit	4.0	6.0	0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Citrus reticulata</u>	Fruit	1.0	8.0	0.3	Duke, 1992 *
<u>Citrus sinensis</u>	Fruit	1.0	7.0	0.2	Duke, 1992 *
<u>Citrus paradisi</u>	Fruit	0.0	6.0	0.1	Duke, 1992 *
<u>Cnicus benedictus</u>	Plant	not available	2.7	-0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Cnidoscolus chayamansa</u>	Leaf	2.0	15.0	1.4	Duke, 1992 *
<u>Cocos nucifera</u>	Seed	0.3	1.0	-1.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Coffea arabica</u>	Seed	not available	2.0	-1.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Coix lacryma-jobi</u>	Seed	2.8	3.2	-0.8	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Cola acuminata</u>	Seed	not available	1.0	-1.3	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Colocasia esculenta</u>	Leaf	1.3	17.0	1.8	Duke, 1992 *
<u>Colocasia esculenta</u>	Root	0.3	5.0	-0.1	Duke, 1992 *
<u>Corchorus olitorius</u>	Leaf	1.3	10.8	0.5	Duke, 1992 *
<u>Coriandrum sativum</u>	Fruit	2.0	3.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<u>Coriandrum sativum</u>	Leaf	1.0	16.0	1.6	Duke, 1992 *
<u>Corylus avellana</u>	Seed	1.6	6.0	-0.1	Duke, 1992 *
<u>Crataegus laevigata</u>	Fruit	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Crescentia alata</u>	Seed	7.3	7.6	0.2	Duke, 1992 *
<u>Crocus sativus</u>	Silk Stigma Style	0.7	4.0	1.0	Duke, 1992 *
<u>Cucumis melo</u>	Fruit	0.3	4.4	-0.1	USDA's Ag Handbook 8 and sequelae)
<u>Cucumis sativus</u>	Fruit	0.3	7.6	0.3	Duke, 1992 *
<u>Cucurbita pepo</u>	Flower	0.4	8.6	1.0	USDA's Ag Handbook 8 and sequelae)
<u>Cucurbita pepo</u>	Fruit	0.5	5.9	0.1	USDA's Ag Handbook 8 and sequelae)
<u>Cucurbita pepo</u>	Seed	1.9	3.7	-0.7	Duke, 1992 *
<u>Cucurbita spp</u>	Fruit	0.6	10.0	0.6	Duke, 1992 *
<u>Cuminum cyminum</u>	Fruit	6.0	7.0	0.2	Duke, 1992 *
<u>Curcuma longa</u>	Rhizome	0.0	8.0	0.2	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Cyclanthera pedata</u>	Fruit	0.4	8.0	0.3	Duke, 1992 *

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<u>Cydonia oblonga</u>	Fruit	0.2	1.9	-0.4	Duke, 1992 *
<u>Cynara cardunculus</u>	Flower	0.7	6.0	0.2	Duke, 1992 *
<u>Cyphomandra betacea</u>	Fruit	0.3	7.0	0.2	Duke, 1992 *
<u>Cyrtosperma chamissonis</u>	Root	0.1	1.2	-0.5	Duke, 1992 *
<u>Daucus carota</u>	Root	1.0	6.0	-0.1	Duke, 1992 *
<u>Dioscorea alata</u>	Root	0.3	1.4	-0.5	Duke, 1992 *
<u>Dioscorea pentaphylla</u>	Root	1.0	7.0	0.0	Duke, 1992 *
<u>Dioscorea sp.</u>	Root	not available	3.5	-0.3	Duke, 1992 *
<u>Echinacea spp</u>	Root	not available	2.6	-0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Elettaria cardamomum</u>	Seed	1.0	2.0	-1.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Ephedra sinica</u>	Plant	not available	47.0	3.3	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Equisetum arvense</u>	Plant	not available	0.0	-0.6	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Eriobotrya japonica</u>	Fruit	0.2	1.8	-0.5	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Eryngium floridanum</u>	Shoot	not available	6.0	-0.7	Duke, 1992 *
<u>Erythrina berteroana</u>	Shoot	1.9	12.0	-0.1	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Erythrina fusca</u>	Leaf	2.4	9.0	0.1	Duke, 1992 *
<u>Erythroxylum coca</u>	Leaf	3.5	8.0	-0.1	Duke, 1992 *
<u>Euphrasia officinalis</u>	Plant	not available	4.3	-0.3	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Fagopyrum esculentum</u>	Seed	2.7	9.0	0.6	Duke, 1992 *
<u>Ficus carica</u>	Fruit	0.0	3.3	-0.3	Duke, 1992 *
<u>Foeniculum vulgare</u>	Fruit	4.0	5.0	0.0	Duke, 1992 *
<u>Foeniculum vulgare</u>	Plant	1.0	11.0	0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Fragaria spp</u>	Fruit	0.2	4.0	-0.2	Duke, 1992 *
<u>Fucus vesiculosus</u>	Plant	not available	0.0	-0.6	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Genipa americana</u>	Fruit	0.4	1.2	-0.5	Duke, 1992 *
<u>Gentiana lutea</u>	Root	not available	4.8	-0.2	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Ginkgo biloba</u>	Seed	2.0	5.0	-0.4	USDA's Ag Handbook 8 and sequelae)
<u>Gliricidia sepium</u>	Flower	1.1	8.0	0.8	Duke, 1992 *
<u>Gliricidia sepium</u>	Leaf	1.4	9.0	0.1	Duke, 1992 *
<u>Glycine max</u>	Fruit	4.4	14.0	1.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Glycine max</u>	Seed	4.0	10.0	0.8	Duke, 1992 *

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Glycine max	Sprout Seedling	1.9	17.0	0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Glycyrrhiza glabra	Root	not available	2.1	-0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Gossypium sp	Seed	not available	3.2	-0.8	Duke, 1992 *
Helianthus annuus	Seed	22.0	24.0	4.2	Duke, 1992 *
Helianthus tuberosus	Tuber	2.0	10.0	1.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hibiscus sabdariffa	Flower	0.0	3.0	-0.7	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hibiscus sabdariffa	Leaf	0.0	12.0	0.8	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hordeum vulgare	Seed	1.0	10.0	0.8	Duke, 1992 *
Hordeum vulgare	Stem	not available	13.0	1.0	Duke, 1992 *
Humulus lupulus	Fruit	not available	3.4	-0.2	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Hydrastis canadensis	Root	not available	2.6	-0.4	Duke, 1992 *
Ipomoea aquatica	Leaf	0.3	9.0	0.1	Duke, 1992 *
Ipomoea batatas	Leaf	0.8	9.8	0.3	Duke, 1992 *
Ipomoea batatas	Root	0.6	5.1	-0.1	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Juglans nigra</u>	Fruit	not available	2.0	-0.4	Duke, 1992 *
<u>Juglans nigra</u>	Seed	not available	2.0	-1.1	Duke, 1992 *
<u>Juglans regia</u>	Seed	3.0	5.0	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Juniperus communis</u>	Fruit	not available	1.2	-0.5	Duke, 1992 *
<u>Justicia pectoralis</u>	Leaf	0.4	2.7	-1.2	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Lablab purpureus</u>	Seed	0.8	12.0	1.3	Duke, 1992 *
<u>Lactuca sativa</u>	Leaf	0.5	8.3	0.0	Duke, 1992 *
<u>Lagenaria siceraria</u>	Fruit	0.3	6.5	0.1	Duke, 1992 *
<u>Larrea tridentata</u>	Plant	not available	5.1	-0.2	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Lens culinaris</u>	Seed	2.6	6.0	-0.1	Duke, 1992 *
<u>Lens culinaris</u>	Sprout Seedling	2.0	8.0	-0.6	USDA's Ag Handbook 8 and sequelae)
<u>Lepidium sativum</u>	Leaf	0.8	7.5	-0.2	Duke, 1992 *
<u>Linum usitatissimum</u>	Seed	not available	1.8	-1.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Lobelia inflata</u>	Leaf	not available	3.2	-1.1	Duke, 1992 *
<u>Luffa aegyptiaca</u>	Fruit	0.5	10.0	0.6	Duke, 1992 *
<u>Luffa aegyptiaca</u>	Leaf	0.5	5.0	-0.7	Duke, 1992 *
<u>Lupinus albus</u>	Seed	6.0	7.0	0.1	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Lupinus mutabilis</u>	Fruit	0.9	3.1	-0.3	Duke, 1992 *
<u>Lupinus mutabilis</u>	Seed	4.7	5.2	-0.3	Duke, 1992 *
<u>Lycium chinense</u>	Leaf	0.8	7.7	-0.1	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.
<u>Lycopersicon esculentum</u>	Fruit	1.0	10.0	0.6	Duke, 1992 *
<u>Macadamia spp</u>	Seed	3.0	4.0	-0.6	USDA's Ag Handbook 8 and sequelae)
<u>Malpighia glabra</u>	Fruit	0.2	2.3	-0.4	Duke, 1992 *
<u>Malus domestica</u>	Fruit	1.0	2.0	-0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Malva parviflora</u>	Plant	not available	1.0	-0.6	Duke, 1992 *
<u>Malva sylvestris</u>	Leaf	1.0	20.0	2.4	Duke, 1992 *
<u>Mangifera indica</u>	Fruit	0.4	3.4	-0.2	Duke, 1992 *
<u>Mangifera indica</u>	Leaf	0.4	1.8	-1.4	Duke, 1992 *
<u>Manihot esculenta</u>	Leaf	2.0	10.0	0.4	Duke, 1992 *
<u>Manihot esculenta</u>	Root	0.3	7.1	0.0	Duke, 1992 *
<u>Maranta arundinacea</u>	Root	0.8	4.0	-0.2	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Matricaria recutita</u>	Plant	not available	not available	not available	Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
<u>Medicago sativa</u>	Plant	1.3	7.5	0.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Mentha spicata</u>	Plant	1.0	3.0	-0.4	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<u>Mentha x piperita</u>	Leaf	not available	12.1	0.8	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Mimosa pudica</u>	Leaf	1.2	17.0	1.8	Duke, 1992 *
<u>Mimulus glabratus</u>	Shoot	0.8	8.0	-0.5	Duke, 1992 *
<u>Momordica charantia</u>	Fruit	0.2	12.0	0.9	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Momordica charantia</u>	Leaf	1.3	8.0	-0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Morinda citrifolia</u>	Leaf	1.6	7.0	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Morus alba</u>	Fruit	0.0	2.0	-0.4	Duke, 1992 *
<u>Mucuna pruriens</u>	Seed	1.4	5.7	-0.2	Duke, 1992 *
<u>Musa x paradisiaca</u>	Fruit	0.3	6.9	0.2	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Murraya sp</u>	Fruit	0.5	1.6	-0.5	Duke, 1992 *
<u>Myrica cerifera</u>	Bark	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Myristica fragrans</u>	Aril	not available	3.0	0.2	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Myristica fragrans</u>	Seed	3.0	4.0	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Nasturtium officinale</u>	Herb	1.0	18.0	1.0	Duke, 1992 *
<u>Nelumbo nucifera</u>	Rhizome	2.2	14.0	1.6	Duke, 1992 *
<u>Nelumbo nucifera</u>	Seed	1.5	7.5	0.2	Duke, 1992 *
<u>Ocimum basilicum</u>	Leaf	1.0	6.0	-0.5	Duke, 1992 *
<u>Opuntia ficus-indica</u>	Bud	not available	0.1	-1.0	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
<u>Opuntia ficus-indica</u>	Fruit	0.1	1.3	-0.5	Duke, 1992 *
<u>Origanum majorana</u>	Plant	not available	3.0	-0.4	USDA's Ag Handbook 8 and sequelae)
<u>Oryza sativa</u>	Seed	2.2	3.9	-0.6	Duke, 1992 *
<u>Oxalis tuberosa</u>	Root	0.5	3.1	-0.3	Duke, 1992 *
<u>Pachira macrocarpa</u>	Seed	not available	0.3	-1.5	Duke, 1992 *
<u>Pachyrhizus erosus</u>	Tuber	0.4	3.7	-1.1	Duke, 1992 *
<u>Panax ginseng</u>	Root	not available	1.7	-0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Papaver somniferum</u>	Seed	7.8	9.9	0.8	Duke, 1992 *
<u>Passiflora quadrangularis</u>	Fruit	not available	not available	not available	Duke, 1992 *
<u>Passiflora quadrangularis</u>	Seed	not available	not available	not available	Duke, 1992 *
<u>Pastinaca sativa</u>	Root	0.8	11.4	0.4	Duke, 1992 *
<u>Perilla frutescens</u>	Leaf	1.0	5.0	-0.7	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Perilla frutescens</u>	Seed	1.0	7.0	0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Persea americana</u>	Fruit	0.5	4.2	-0.1	Duke, 1992 *
<u>Petasites japonicus</u>	Pt	0.2	3.6	-1.2	USDA's Ag Handbook 8 and sequelae)
<u>Petroselinum crispum</u>	Plant	0.0	7.0	-0.1	Duke, 1992 *
<u>Phaseolus coccineus</u>	Fruit	3.4	5.4	0.0	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<u>Phaseolus coccineus</u>	Seed	3.0	3.5	-0.7	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Phaseolus lunatus</u>	Seed	1.6	7.4	0.2	Duke, 1992 *
<u>Phaseolus lunatus</u>	Sprout Seedling	0.1	4.7	-0.9	Duke, 1992 *
<u>Phaseolus vulgaris</u>	Fruit	0.5	8.8	0.4	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Phaseolus vulgaris</u>	Leaf	1.8	13.6	1.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Phaseolus vulgaris</u>	Seed	3.7	10.0	0.8	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Phaseolus vulgaris</u>	Sprout Seedling	3.7	40.0	1.9	USDA's Ag Handbook 8 and sequelae)
<u>Phoenix dactylifera</u>	Fruit	0.1	1.7	-0.5	Duke, 1992 *
<u>Phyllanthus acidus</u>	Fruit	0.1	6.0	0.1	Duke, 1992 *
<u>Phyllanthus emblica</u>	Fruit	0.3	1.9	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Physalis ixocarpa</u>	Fruit	0.5	6.0	0.1	Duke, 1992 *
<u>Physalis peruviana</u>	Fruit	0.5	4.7	-0.1	Duke, 1992 *
<u>Phytolacca americana</u>	Shoot	1.0	10.0	-0.3	Duke, 1992 *
<u>Picrasma excelsa</u>	Plant	not available	not available	not available	Duke, 1992 *
<u>Pimenta dioica</u>	Fruit	not available	1.1	-0.5	Duke, 1992 *
<u>Piper auritum</u>	Leaf	1.2	6.7	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Piper betel</u>	Leaf	0.1	4.8	-0.7	Duke, 1992 *
<u>Piper nigrum</u>	Fruit	0.5	1.6	-0.5	Duke, 1992 *
<u>Pisum sativum</u>	Fruit	1.5	15.0	1.2	Duke, 1992 *
<u>Pisum sativum</u>	Seed	2.4	13.9	1.7	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Plantago psyllium</u>	Seed	not available	0.0	-1.6	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Platycodon grandiflorum</u>	Root	1.0	1.3	-0.5	Duke, 1992 *
<u>Polygonum multiflorum</u>	Root	not available	0.1	-0.6	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Polymnia edulis</u>	Root	0.2	1.1	-0.5	Duke, 1992 *
<u>Portulaca oleracea</u>	Herb	1.0	10.0	-1.0	Duke, 1992 *
<u>Prunus armeniaca</u>	Fruit	0.3	2.5	-0.4	USDA's Ag Handbook 8 and sequelae)
<u>Prunus armeniaca</u>	Seed	not available	1.5	-1.2	Duke, 1992 *
<u>Prunus cerasus</u>	Fruit	0.0	5.0	0.0	Duke, 1992 *
<u>Prunus domestica</u>	Fruit	0.4	2.9	-0.3	USDA's Ag Handbook 8 and sequelae)
<u>Prunus dulcis</u>	Seed	2.2	2.6	-1.0	USDA's Ag Handbook 8 and sequelae)
<u>Prunus persica</u>	Fruit	1.0	2.0	-0.4	Duke, 1992 *
<u>Psidium cattleianum</u>	Fruit	0.2	1.9	-0.4	Duke, 1992 *
<u>Psidium guajava</u>	Fruit	0.4	4.0	-0.2	Duke, 1992 *
<u>Psophocarpus tetragonolobus</u>	Seed	1.4	11.2	1.1	Duke, 1992 *
<u>Punica granatum</u>	Fruit	0.0	4.0	-0.2	Duke, 1992 *
<u>Pyrus communis</u>	Fruit	0.2	1.2	-0.5	Duke, 1992 *
<u>Quercus alba</u>	Bark	not available	0.0	-0.7	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Raphanus sativus</u>	Fruit	0.3	7.9	0.3	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Raphanus sativus</u>	Leaf	1.4	7.0	-0.3	Duke, 1992 *
<u>Raphanus sativus</u>	Root	0.3	9.7	0.3	Duke, 1992 *
<u>Frangula purshiana</u>	Bark	not available	0.0	-0.7	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Rheum rhabarbarum</u>	Leaf	0.2	3.3	-1.0	Duke, 1992 *
<u>Rheum rhabarbarum</u>	Pt	0.2	6.5	-0.1	Duke, 1992 *
<u>Rhizophora mangle</u>	Leaf	not available	not available	not available	Duke, 1992 *
<u>Rhodymenia palmata</u>	Plant	not available	1.6	-0.5	Duke, 1992 *
<u>Ribes nigrum</u>	Fruit	1.0	3.0	-0.3	USDA's Ag Handbook 8 and sequelae)
<u>Ribes rubrum</u>	Fruit	1.0	2.0	-0.4	Duke, 1992 *
<u>Ribes uva-crispa</u>	Fruit	0.0	3.0	-0.3	Duke, 1992 *
<u>Rosa canina</u>	Fruit	not available	3.8	-0.2	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Rosmarinus officinalis</u>	Plant	5.0	6.0	-0.1	USDA's Ag Handbook 8 and sequelae)
<u>Rubus idaeus</u>	Leaf	not available	3.4	-1.0	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Rumex acetosa</u>	Leaf	0.8	9.0	0.1	Duke, 1992 *
<u>Rumex crispus</u>	Leaf	0.6	8.1	0.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Rumex crispus</u>	Root	not available	8.1	0.1	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Ruscus aculeatus</u>	Root	not available	8.3	0.1	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Salix alba</u>	Bark	not available	0.0	-0.7	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Salvia officinalis</u>	Leaf	7.0	8.0	-0.1	Father Nature's Farmacy: The aggregate of all these three-letter citations.
<u>Sambucus canadensis</u>	Fruit	1.0	3.0	-0.3	USDA's Ag Handbook 8 and sequelae)
<u>Sambucus nigra</u>	Plant	not available	1.0	-0.6	Duke, 1992 *
<u>Satureja hortensis</u>	Plant	not available	4.0	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Schisandra chinensis</u>	Fruit	not available	0.0	-0.7	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Sclerocarya caffra</u>	Fruit	0.3	3.6	-0.2	Duke, 1992 *
<u>Sclerocarya caffra</u>	Seed	not available	0.4	-1.5	Duke, 1992 *
<u>Scutellaria lateriflora</u>	Plant	not available	2.8	-0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Sechium edule</u>	Plant	not available	not available	not available	Duke, 1992 *
<u>Sechium edule</u>	Shoot	0.3	4.0	-0.9	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Sesamum indicum</u>	Seed	5.0	10.0	0.8	USDA's Ag Handbook 8 and sequelae)
<u>Sida rhombifolia</u>	Leaf	2.2	11.0	0.6	Duke, 1992 *
<u>Sinapis alba</u>	Seed	5.0	6.0	-0.1	Duke, 1992 *
<u>Solanum melongena</u>	Fruit	0.4	10.0	0.6	Duke, 1992 *
<u>Solanum nigrum</u>	Leaf	1.0	12.0	0.8	Duke, 1992 *
<u>Solanum torvum</u>	Fruit	1.2	8.0	0.3	Duke, 1992 *
<u>Solanum tuberosum</u>	Tuber	1.0	5.0	-0.5	Duke, 1992 *
<u>Sonchus oleraceus</u>	Leaf	0.7	19.0	2.2	Duke, 1992 *
<u>Sphenostylis stenocarpa</u>	Seed	6.9	7.6	0.2	Duke, 1992 *
<u>Spinacia oleracea</u>	Plant	0.7	10.2	0.2	USDA's Ag Handbook 8 and sequelae)
<u>Spirulina pratensis</u>	Plant	not available	51.0	3.7	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Spondias dulcis</u>	Fruit	0.5	4.0	-0.2	Duke, 1992 *
<u>Spondias mombin</u>	Fruit	0.4	4.5	-0.1	Duke, 1992 *
<u>Spondias pinnata</u>	Fruit	0.2	2.1	-0.4	Duke, 1992 *
<u>Spondias purpurea</u>	Fruit	0.7	3.7	-0.2	Duke, 1992 *
<u>Stellaria media</u>	Plant	0.2	2.1	-0.5	Duke, 1992 *
<u>Stevia rebaudiana</u>	Leaf	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Symphytum officinale</u>	Root	not available	1.2	-0.5	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Syzygium aromaticum</u>	Flower	not available	1.0	-1.3	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Tabebuia heptaphylla</u>	Bark	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Tamarindus indica</u>	Flower	not available	4.0	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Tamarindus indica</u>	Fruit	2.0	9.0	0.5	USDA's Ag Handbook 8 and sequelae)
<u>Tamarindus indica</u>	Leaf	not available	4.0	-0.9	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Taraxacum officinale</u>	Leaf	1.0	17.0	1.8	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Taraxacum officinale</u>	Root	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Terminalia catappa</u>	Seed	3.0	7.0	0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Tetragonia tetragonoides</u>	Leaf	0.4	6.7	-0.3	Duke, 1992 *
<u>Theobroma cacao</u>	Fruit	1.8	4.2	-0.1	J Cell Biochem VOL. 22=1995
<u>Theobroma cacao</u>	Seed	1.0	3.0	-0.9	Duke, 1992 *
<u>Thymus vulgaris</u>	Plant	5.0	6.0	-0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Trachyspermum ammi</u>	Fruit	2.1	2.3	-0.4	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Tragopogon porrifolius</u>	Root	1.0	3.0	-0.3	Duke, 1992 *
<u>Trichosanthes anguina</u>	Fruit	0.4	7.4	0.3	Duke, 1992 *
<u>Trifolium pratense</u>	Flower	not available	4.2	-0.3	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Trigonella foenum-graecum</u>	Seed	3.0	14.0	1.8	Duke, 1992 *
<u>Triticum aestivum</u>	Plant	3.3	4.0	-0.3	Duke, 1992 *
<u>Triticum aestivum</u>	Seed	1.1	12.0	1.3	Duke, 1992 *
<u>Tropaeolum majus</u>	Shoot	0.9	6.5	-0.6	Duke, 1992 *
<u>Tropaeolum tuberosum</u>	Root	0.6	9.3	0.2	Duke, 1992 *
<u>Turnera diffusa</u>	Leaf	not available	1.8	-1.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Ullucus tuberosus</u>	Root	0.4	4.3	-0.2	Duke, 1992 *
<u>Ulmus rubra</u>	Bark	not available	5.0	2.2	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Urtica dioica</u>	Leaf	0.3	5.4	-0.6	Duke, 1992 *
<u>Vaccinium corymbosum</u>	Fruit	0.5	3.1	-0.3	Duke, 1992 *
<u>Vaccinium macrocarpon</u>	Fruit	0.3	2.5	-0.4	Duke, 1992 *
<u>Vaccinium myrtillus</u>	Fruit	7.0	8.0	0.3	Duke, 1992 *
<u>Valeriana officinalis</u>	Root	not available	1.6	-0.5	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Verbascum thapsus</u>	Leaf	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Vicia faba</u>	Fruit	0.8	5.4	0.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<u>Vicia faba</u>	Seed	1.7	9.0	0.6	USDA's Ag Handbook 8 and sequelae)
<u>Vigna aconitifolia</u>	Seed	5.6	6.2	-0.1	Duke, 1992 *
<u>Vigna angularis</u>	Seed	3.4	6.6	0.0	Duke, 1992 *
<u>Vigna mungo</u>	Seed	4.2	6.5	0.0	Duke, 1992 *
<u>Vigna radiata</u>	Seed	5.4	7.7	0.3	USDA's Ag Handbook 8 and sequelae)
<u>Vigna radiata</u>	Sprout Seedling	0.7	10.3	-0.5	USDA's Ag Handbook 8 and sequelae)
<u>Vigna subterranea</u>	Seed	1.8	5.2	-0.3	Duke, 1992 *
<u>Vigna unguiculata</u>	Fruit	0.8	10.0	0.6	USDA's Ag Handbook 8 and sequelae)
<u>Vigna unguiculata</u>	Seed	9.0	10.0	0.8	USDA's Ag Handbook 8 and sequelae)
<u>Vitis vinifera</u>	Fruit	0.8	4.9	-0.1	USDA's Ag Handbook 8 and sequelae)
<u>Vitis vinifera</u>	Stem	not available	11.0	0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Xanthosoma sagittifolium</u>	Root	1.3	3.8	-0.3	Duke, 1992 *
<u>Yucca baccata</u>	Root	not available	2.4	-0.4	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Zea mays</u>	Fruit	2.0	8.0	0.3	Duke, 1992 *
<u>Zea mays</u>	Silk Stigma Style	not available	2.1	-1.0	Duke, 1992 *
<u>Zingiber officinale</u>	Rhizome	0.0	3.0	-1.0	Duke, 1992 *
<u>Zizyphus jujuba</u>	Fruit	0.2	1.3	-0.5	Duke, 1992 *
<u>Zizyphus spina-christi</u>	Fruit	not available	0.4	-0.6	Duke, 1992 *
<u>Annona glabra</u>	Fruit	0.4	3.0	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Secale cereale</u>	Seed	3.0	3.0	-0.9	USDA's Ag Handbook 8 and sequelae)
<u>Elaeagnus commutata</u>	Fruit	0.3	2.2	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Elaeagnus umbellatus</u>	Fruit	0.7	4.3	-0.1	Duke, 1992 *
<u>Theobroma bicolor</u>	Fruit	18.0	85.0	10.2	J Cell Biochem VOL. 22=1995
<u>Theobroma bicolor</u>	Seed	2.2	2.3	-1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Averrhoa carambola</u>	Fruit	0.2	6.6	0.2	Duke, 1992 *
<u>Calathea macrosepala</u>	Flower	0.4	5.2	0.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Aegle marmelos</u>	Fruit	1.3	33.0	3.5	Duke, 1992 *
<u>Annona diversifolia</u>	Fruit	0.2	8.0	0.3	Duke, 1992 *
<u>Averrhoa bilimbi</u>	Fruit	0.1	2.7	-0.3	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Bactris gasipaes</u>	Fruit	0.3	1.4	-0.5	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Brosimum alicastrum</u>	Fruit	0.5	3.1	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Byrsonima crassifolia</u>	Fruit	0.1	1.2	-0.5	Duke, 1992 *
<u>Carica pentagona</u>	Fruit	0.2	3.0	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Casimiroa edulis</u>	Fruit	0.4	2.2	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Chrysophyllum cainito</u>	Fruit	0.1	2.3	-0.4	Duke, 1992 *
<u>Durio zibethinus</u>	Fruit	2.4	18.0	1.6	Duke, 1992 *
<u>Eugenia brasiliensis</u>	Fruit	0.4	2.7	-0.3	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Eugenia uniflora</u>	Fruit	0.2	2.1	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Garcinia mangostana</u>	Fruit	0.3	1.9	-0.4	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Hylocereus guatemalensis</u>	Fruit	0.3	2.5	-0.4	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Hylocereus undatus</u>	Fruit	0.4	2.6	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Inga edulis</u>	Seed	1.9	5.2	-0.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Inga feuillei</u>	Aril	0.2	1.2	-1.3	J Cell Biochem VOL. 22=1995
<u>Licania platypus</u>	Fruit	0.1	4.5	-0.1	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Mammea americana</u>	Fruit	0.2	2.3	-0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Manilkara zapota</u>	Fruit	0.0	0.4	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Mauritia flexuosa</u>	Fruit	1.2	2.6	-0.3	J Cell Biochem VOL. 22=1995
<u>Muntingia calabura</u>	Fruit	0.3	2.9	-0.3	Duke, 1992 *
<u>Myrciaria cauliflora</u>	Fruit	0.1	0.6	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Myrciaria dubia</u>	Fruit	0.1	1.7	-0.5	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Eugenia floribunda</u>	Fruit	0.2	1.6	-0.5	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Passiflora edulis</u>	Fruit	0.0	1.4	-0.5	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Passiflora foetida</u>	Fruit	0.1	0.6	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Passiflora ligularis</u>	Fruit	0.0	5.2	0.0	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Pereskia aculeata</u>	Fruit	0.2	6.3	0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Persea schiedeana</u>	Fruit	0.5	3.0	-0.3	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Platonia insignis</u>	Fruit	0.4	1.4	-0.5	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Pourouma cecropiaeefolia</u>	Fruit	not available	0.0	-0.7	J Cell Biochem VOL. 22=1995
<u>Pouteria caitimo</u>	Fruit	0.2	7.7	0.3	Duke, 1992 *
<u>Pouteria campechiana</u>	Fruit	0.2	4.5	-0.1	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Pouteria viridis</u>	Fruit	0.1	0.3	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Prunus salicifolia</u>	Fruit	0.2	1.3	-0.5	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Quararibea cordata</u>	Fruit	0.2	2.1	-0.4	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Rollinia mucosa</u>	Fruit	0.4	1.8	-0.5	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Sicana odorifera</u>	Fruit	0.5	4.0	-0.2	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Solanum quitoensis</u>	Fruit	0.4	7.0	0.2	Duke, 1992 *
<u>Solanum sessiliflorum</u>	Fruit	0.3	2.5	-0.4	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<u>Syzygium cumini</u>	Fruit	0.0	1.8	-0.5	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Syzygium jambos</u>	Fruit	0.1	1.1	-0.5	Duke, 1992 *
<u>Syzygium malaccense</u>	Fruit	0.1	3.5	-0.2	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Theobroma speciosum</u>	Fruit	9.0	25.0	2.5	J Cell Biochem VOL. 22=1995
<u>Elaeis guineensis</u>	Fruit	2.0	3.5	-0.2	Duke, 1992 *
<u>Peperomia pelucida</u>	Leaf	0.3	3.8	-0.9	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Amaranthus spinosus</u>	Leaf	0.1	0.6	-1.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Eleocharis dulcis</u>	Tuber	0.3	6.0	-0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Hibiscus rosa-sinensis</u>	Flower	0.3	3.0	-0.7	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<u>Peperomia pereskiiifolia</u>	Leaf	1.5	10.0	0.4	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Plectranthus amboinicus</u>	Leaf	0.3	5.4	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Moringa oleifera</u>	Fruit	0.5	4.5	-0.1	USDA's Ag Handbook 8 and sequelae)
<u>Moringa oleifera</u>	Shoot	2.0	12.0	-0.1	USDA's Ag Handbook 8 and sequelae)
<u>Pinus edulis</u>	Seed	12.0	13.0	1.5	USDA's Ag Handbook 8 and sequelae)
<u>Pinus cembroides</u>	Seed	7.0	12.0	1.3	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Pinus pinea</u>	Seed	6.0	9.0	0.6	Duke, 1992 *
<u>Brassica oleracea var. botrytis l.</u>	Flower	0.6	12.0	2.0	Duke, 1992 *
<u>Citrus aurantium</u>	Fruit	1.0	6.0	0.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Vigna unguiculata</u>	Shoot	3.5	35.0	2.0	Duke, 1992 *
<u>Origanum vulgare</u>	Plant	3.0	4.0	-0.3	USDA's Ag Handbook 8 and sequelae)
<u>Abelmoschus esculentus</u>	Seed	not available	6.9	0.1	Wealth of India.
<u>Anethum graveolens</u>	Seed	4.0	5.0	-0.4	USDA's Ag Handbook 8 and sequelae)
<u>Carum carvi</u>	Seed	3.0	4.0	-0.6	USDA's Ag Handbook 8 and sequelae)
<u>Cuminum cyminum</u>	Seed	6.0	7.0	0.1	Duke, 1992 *
<u>Foeniculum vulgare</u>	Seed	4.0	5.0	-0.4	USDA's Ag Handbook 8 and sequelae)
<u>Mentha spicata</u>	Leaf	0.8	5.0	-0.7	Duke, 1992 *
<u>Syzygium aromaticum</u>	Fruit	not available	1.0	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Zingiber officinale</u>	Root	0.0	3.0	-0.3	Duke, 1992 *
<u>Rosmarinus officinalis</u>	Leaf	3.0	6.0	-0.5	USDA's Ag Handbook 8 and sequelae)
<u>Phaseolus acutifolius</u>	Seed	3.3	3.6	-0.7	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Vitellaria paradoxa</u>	Seed	not available	5.6	-0.2	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Serenoa repens</u>	Fruit	0.6	5.0	0.0	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Crataegus rhipidophylla</u>	Fruit	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Rubus idaeus</u>	Fruit	0.3	2.2	-0.4	Revised USDA data received 1993.
<u>Tanacetum parthenium</u>	Plant	not available	4.1	-0.3	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Pimenta dioica</u>	Leaf	1.1	1.7	-1.4	Duke, 1992 *
<u>Brassica rapa</u>	Leaf	0.4	9.0	0.1	USDA's Ag Handbook 8 and sequelae)
<u>Brassica oleracea</u> var. <i>italica</i>	Leaf	0.6	8.0	-0.1	USDA's Ag Handbook 8 and sequelae)
<u>Actaea racemosa</u>	Root	not available	58.0	4.6	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<u>Vigna unguiculata</u>	Seed	1.1	10.0	0.8	USDA's Ag Handbook 8 and sequelae)
<u>Vigna unguiculata</u>	Shoot	3.5	35.0	2.0	USDA's Ag Handbook 8 and sequelae)
<u>Bixa orellana</u>	Seed	not available	2.3	-1.0	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.
<u>Murraya koenigii</u>	Leaf	0.0	3.0	-1.1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
<u>Lycium chinense</u>	Fruit	not available	0.8	-0.6	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<u>Lepidium meyenii</u>	Root	not available	2.0	-0.4	Duke, 1992 *