

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for LYSINE

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------------|-----------------|---------|----------|--------------------|--|
| Cucurbita foetidissima | Seed | 10130.0 | 33000.0 | 2.8312045816131546 | -- |
| Nasturtium officinale | Herb | 1340.0 | 26800.0 | 1.0 | USDA's Ag Handbook 8 and sequelae) |
| Glycine max | Seed | 24290.0 | 26560.0 | 1.9588722403264331 | USDA's Ag Handbook 8 and sequelae) |
| Ceratonia siliqua | Seed | | 26320.0 | 1.926362960526928 | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705. |
| Phaseolus vulgaris | Sprout Seedling | 2390.0 | 25700.0 | 0.9673053866582134 | USDA's Ag Handbook 8 and sequelae) |
| Moringa oleifera | Shoot | 5370.0 | 25165.0 | 1.0391828214272667 | USDA's Ag Handbook 8 and sequelae) |
| Lens culinaris | Sprout Seedling | 7120.0 | 23735.0 | 0.4097902073122836 | USDA's Ag Handbook 8 and sequelae) |
| Psophocarpus tetragonolobus | Seed | 21360.0 | 23304.0 | 1.517829677713146 | -- |
| Chenopodium album | Seed | 3540.0 | 22550.0 | 1.4156963570097005 | -- |
| Lens culinaris | Seed | 19570.0 | 22035.0 | 1.3459368607732625 | USDA's Ag Handbook 8 and sequelae) |
| Lupinus albus | Seed | 19330.0 | 21585.0 | 1.2849819611491902 | -- |
| Cucurbita pepo | Seed | 15580.0 | 21120.0 | 1.221995231537649 | -- |
| Nigella sativa | Seed | 16200.0 | 20700.0 | 1.1651039918885149 | -- |
| Spinacia oleracea | Plant | 1740.0 | 20664.0 | 1.308971519219775 | USDA's Ag Handbook 8 and sequelae) |
| Mucuna pruriens | Seed | 9700.0 | 20564.0 | 1.1466820666687954 | -- |
| Acacia farnesiana | Leaf | 3760.0 | 20170.0 | 1.6628021945345992 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Pisum sativum | Fruit | 2020.0 | 19980.0 | 4.109071319538206 | -- |
| Phaseolus acutifolius | Seed | 17800.0 | 19400.0 | 0.9890120596411954 | Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29. |
| Vicia faba | Seed | 3660.0 | 19265.0 | 0.9707255897539737 | USDA's Ag Handbook 8 and sequelae) |
| Brassica chinensis | Leaf | 890.0 | 19019.0 | 1.4007237736298783 | -- |
| Brassica rapa | Leaf | 890.0 | 19019.0 | 1.4007237736298783 | USDA's Ag Handbook 8 and sequelae) |
| Phaseolus lunatus | Seed | 4520.0 | 19010.0 | 0.9361844799669995 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---|-----------------|---------|----------|---------------------|------------------------------------|
| <i>Petroselinum crispum</i> | Plant | 2190.0 | 18724.0 | 1.068243764451732 | USDA's Ag Handbook 8 and sequelae) |
| <i>Asparagus officinalis</i> | Shoot | 1450.0 | 18710.0 | 0.3111156963571142 | -- |
| <i>Trigonella foenum-graecum</i> | Seed | 15310.0 | 18525.0 | 0.8704886437054995 | -- |
| <i>Vigna radiata</i> | Seed | 16640.0 | 18296.0 | 0.8394693725634716 | USDA's Ag Handbook 8 and sequelae) |
| <i>Vigna unguiculata</i> | Seed | 1940.0 | 18069.0 | 0.8087210120864397 | USDA's Ag Handbook 8 and sequelae) |
| <i>Triticum aestivum</i> | Plant | 15000.0 | 18000.0 | 0.9784051590640706 | -- |
| <i>Lablab purpureus</i> | Seed | 190.0 | 18000.0 | 0.799374594144082 | -- |
| <i>Vigna unguiculata</i> | Seed | 16460.0 | 17975.0 | 0.7959882108316335 | USDA's Ag Handbook 8 and sequelae) |
| <i>Corchorus olitorius</i> | Leaf | 1540.0 | 17825.0 | 1.1288544125871007 | -- |
| <i>Vigna radiata</i> | Sprout Seedling | 1666.0 | 17437.0 | -1.377095593970498 | USDA's Ag Handbook 8 and sequelae) |
| <i>Allium schoenoprasum</i> | Leaf | 1630.0 | 17435.0 | 1.0400528624977512 | USDA's Ag Handbook 8 and sequelae) |
| <i>Vigna angularis</i> | Seed | 14970.0 | 17294.0 | 0.7037431294005376 | -- |
| <i>Colocasia esculenta</i> | Leaf | 2460.0 | 17155.0 | 0.9762979034592439 | -- |
| <i>Cajanus cajan</i> | Seed | 13750.0 | 17010.0 | 0.6652738149711231 | -- |
| <i>Phaseolus vulgaris</i> | Seed | 14830.0 | 16667.0 | 0.6188126359243304 | USDA's Ag Handbook 8 and sequelae) |
| <i>Brassica nigra</i> | Leaf | 1130.0 | 16642.0 | 0.8594897106494074 | USDA's Ag Handbook 8 and sequelae) |
| <i>Sinapis alba</i> | Seed | 15190.0 | 16252.0 | 0.5625986729376861 | -- |
| <i>Amaranthus sp.</i> | Leaf | 1270.0 | 15278.0 | 0.5489119816189648 | -- |
| <i>Cnidioscolus chayamansa</i> | Leaf | 3040.0 | 15190.0 | 0.528874708778291 | -- |
| <i>Vigna unguiculata</i> | Fruit | 1840.0 | 15144.0 | 2.8565781387586036 | USDA's Ag Handbook 8 and sequelae) |
| <i>Brassica oleracea var. botrytis l.</i> | Leaf | 1410.0 | 15143.0 | 0.5181729835111131 | -- |
| <i>Brassica oleracea var. italica</i> | Leaf | 1410.0 | 15143.0 | 0.5181729835111131 | USDA's Ag Handbook 8 and sequelae) |
| <i>Pisum sativum</i> | Seed | 3170.0 | 14995.0 | 0.3923313199877778 | -- |
| <i>Cicer arietinum</i> | Seed | 12910.0 | 14595.0 | 0.3381491869886026 | USDA's Ag Handbook 8 and sequelae) |
| <i>Bixa orellana</i> | Seed | 10130.0 | 14250.0 | 0.29141709727681386 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------------------|--------|---------|----------|----------------------|------------------------------------|
| Valerianella locusta | Plant | 1010.0 | 14025.0 | 0.4851614347326419 | -- |
| Avena sativa | Plant | | 14000.0 | 0.48205927294439394 | Jim Duke's personal files.* |
| Lactuca sativa | Leaf | 840.0 | 14000.0 | 0.25791613286463505 | -- |
| Psophocarpus tetragonolobus | Tuber | 5920.0 | 13897.0 | 1.6784251962427683 | -- |
| Brassica oleracea var. botrytis l. | Flower | 1070.0 | 13825.0 | | -- |
| Vigna aconitifolia | Seed | 12480.0 | 13818.0 | 0.23290039363770462 | -- |
| Pistacia vera | Seed | 12780.0 | 13295.0 | 0.16205725474128296 | -- |
| Portulaca oleracea | Herb | 650.0 | 13200.0 | -1.0 | -- |
| Artocarpus altilis | Seed | 5700.0 | 13035.0 | 0.12683886829181903 | USDA's Ag Handbook 8 and sequelae) |
| Brassica oleracea var. sabellica l. | Leaf | 1970.0 | 12675.0 | -0.04378144115687264 | -- |
| Basella alba | Leaf | 860.0 | 12465.0 | -0.09159766043575311 | -- |
| Brassica oleracea var. viridis l. | Leaf | 750.0 | 12293.0 | -0.13076142098797902 | -- |
| Papaver somniferum | Seed | 10990.0 | 11789.0 | -0.0419384760006119 | -- |
| Carum carvi | Seed | 10310.0 | 11445.0 | -0.08853511037990262 | Revised USDA data received 1993. |
| Anethum graveolens | Seed | 10380.0 | 11242.0 | -0.11603254287698407 | USDA's Ag Handbook 8 and sequelae) |
| Anethum graveolens | Fruit | 10380.0 | 11242.0 | 1.8459850057143503 | -- |
| Brassica oleracea var. gemmifera | Leaf | 1540.0 | 10996.0 | -0.426083499105636 | USDA's Ag Handbook 8 and sequelae) |
| Arachis hypogaea | Seed | 9390.0 | 10627.0 | -0.19933757236321603 | -- |
| Cucurbita spp | Fruit | 650.0 | 10285.0 | 1.5981281045551112 | -- |
| Cichorium endivia | Leaf | 630.0 | 10145.0 | -0.619853035326242 | -- |
| Helianthus annuus | Seed | 9370.0 | 9900.0 | -0.29781359908921706 | -- |
| Psophocarpus tetragonolobus | Leaf | 2280.0 | 9849.0 | -0.6872511348812355 | -- |
| Mentha spicata | Leaf | 1410.0 | 9760.0 | -0.7075161040041896 | -- |
| Pinus pinea | Seed | 9010.0 | 9655.0 | -0.3310001555512119 | USDA's Ag Handbook 8 and sequelae) |
| Senna obtusifolia | Seed | | 9500.0 | -0.35199573208839235 | -- |
| Phaseolus vulgaris | Fruit | 880.0 | 9044.0 | 1.2767170132921903 | USDA's Ag Handbook 8 and sequelae) |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------------|-------|---------|----------|----------------------|---|
| Triticum aestivum | Seed | 2000.0 | 9000.0 | -0.4197233983373614 | -- |
| Citrullus lanatus | Seed | | 8932.0 | -0.4289343609472212 | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Sesamum indicum | Seed | 2890.0 | 8729.0 | -0.4564317934443026 | -- |
| Anacardium occidentale | Seed | 8170.0 | 8311.0 | -0.5130521224284408 | -- |
| Papaver bracteatum | Seed | 7200.0 | 8150.0 | -0.5348604309606089 | -- |
| Abelmoschus esculentus | Fruit | 810.0 | 8100.0 | 1.0322270292855846 | USDA's Ag Handbook 8 and sequelae) |
| Nelumbo nucifera | Seed | 2640.0 | 8000.0 | -0.5551787308352996 | -- |
| Juglans cinerea | Seed | 7700.0 | 7966.0 | -0.5597842121402294 | -- |
| Cichorium intybus | Leaf | 350.0 | 7956.0 | -1.1182801972380008 | USDA's Ag Handbook 8 and sequelae) |
| Aloe vera | Leaf | | 7748.0 | -1.1656410239523205 | -- |
| Brassica oleracea var. capitata l. | Leaf | 570.0 | 7621.0 | -1.1945584518019292 | USDA's Ag Handbook 8 and sequelae) |
| Mentha x piperita | Leaf | 1610.0 | 7540.0 | -1.2130018506666402 | USDA's Ag Handbook 8 and sequelae) |
| Juglans nigra | Seed | 7210.0 | 7540.0 | -0.6174881837843511 | USDA's Ag Handbook 8 and sequelae) |
| Citrullus lanatus | Fruit | | 7303.0 | 0.8258091084664485 | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Capsicum frutescens | Fruit | 890.0 | 7262.0 | 0.8151903697542972 | USDA's Ag Handbook 8 and sequelae) |
| Fagopyrum esculentum | Seed | | 7110.0 | -0.6757339767584645 | -- |
| Prunus armeniaca | Fruit | 970.0 | 7105.0 | 0.7745283702955714 | USDA's Ag Handbook 8 and sequelae) |
| Avena sativa | Seed | 2000.0 | 7000.0 | -0.6906340633332377 | Jim Duke's personal files.* |
| Prunus dulcis | Seed | 6660.0 | 6966.0 | -0.6952395446381676 | USDA's Ag Handbook 8 and sequelae) |
| Solanum tuberosum | Tuber | 1260.0 | 6800.0 | -0.16101944225237538 | -- |
| Secale cereale | Seed | 6050.0 | 6795.0 | -0.7184024064953151 | USDA's Ag Handbook 8 and sequelae) |
| Raphanus sativus | Root | 350.0 | 6785.0 | 2.796262067475613 | -- |
| Allium sativum var. sativum | Bulb | 10.0 | 6552.0 | 1.0 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------|---------|---------|----------|---------------------|---|
| Cucurbita pepo | Fruit | 470.0 | 6429.0 | 0.5994486783586378 | -- |
| Solanum melongena | Fruit | 510.0 | 6320.0 | 0.5712183730019429 | -- |
| Opuntia ficus-indica | Seed | | 6275.0 | -0.7888391793942429 | Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29. |
| Brassica oleracea | Stem | 560.0 | 6222.0 | | -- |
| Ocimum basilicum | Leaf | | 6180.0 | -1.5226687945679613 | USDA's Ag Handbook 8 and sequelae) |
| Sechium edule | Fruit | 430.0 | 6145.0 | 0.5258944882549557 | -- |
| Allium cepa | Bulb | 560.0 | 6104.0 | -1.0 | USDA's Ag Handbook 8 and sequelae) |
| Opuntia ficus-indica | Bud | | 6005.0 | | Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29. |
| Zea mays | Seed | 1370.0 | 5699.0 | -0.8668614509130552 | USDA's Ag Handbook 8 and sequelae) |
| Ginkgo biloba | Seed | 2060.0 | 5640.0 | -0.8748533155304336 | USDA's Ag Handbook 8 and sequelae) |
| Bertholletia excelsa | Seed | 5410.0 | 5597.0 | -0.880677894827845 | USDA's Ag Handbook 8 and sequelae) |
| Cucumis sativus | Fruit | 220.0 | 5570.0 | 0.3769731526577118 | -- |
| Lycopersicon esculentum | Fruit | 20.0 | 5455.0 | 0.34718888553826305 | -- |
| Lepidium meyenii | Root | | 5450.0 | 1.5713957187833856 | Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp. |
| Apium graveolens | Pt | 260.0 | 5410.0 | | USDA's Ag Handbook 8 and sequelae) |
| Capsicum annum | Fruit | 380.0 | 5183.0 | 0.27674261896008856 | USDA's Ag Handbook 8 and sequelae) |
| Castanea dentata | Seed | 2687.0 | 4784.0 | -0.9908030801486687 | -- |
| Lagenaria siceraria | Fruit | 210.0 | 4700.0 | 0.15164869705840375 | -- |
| Pachyrhizus erosus | Tuber | 510.0 | 4700.0 | -0.705310514654771 | -- |
| Pinus edulis | Seed | 4340.0 | 4615.0 | -1.0136950313408202 | USDA's Ag Handbook 8 and sequelae) |
| Nelumbo nucifera | Rhizome | 940.0 | 4500.0 | 1.0 | -- |
| Rosmarinus officinalis | Leaf | 1430.0 | 4435.0 | -1.91999880714723 | USDA's Ag Handbook 8 and sequelae) |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|----------------------------------|-------|---------|----------|----------------------|---|
| Brassica rapa | Root | 360.0 | 4425.0 | 0.630955263794971 | -- |
| Averrhoa carambola | Fruit | 400.0 | 4400.0 | 0.0739506089207113 | USDA's Ag Handbook 8 and sequelae) |
| Helianthus tuberosus | Tuber | | 4288.0 | -0.812095239335622 | Izadoost, M. & Robinson, T., Synergism & antagonism in the pharmacology of alkaloidal plants, pp 137-58 in Craker, L. & Simon, J., eds., Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture & Pharmacology, v. 2, 1987, 255pp. |
| Calathea allouia | Root | 3810.0 | 4190.0 | 0.41534208630982233 | -- |
| Beta vulgaris | Root | 530.0 | 4180.0 | 0.4061670574806671 | USDA's Ag Handbook 8 and sequelae) |
| Castanea mollissima | Seed | 2313.0 | 4116.0 | -1.0812872422572914 | -- |
| Juglans regia | Seed | 3880.0 | 4025.0 | -1.0936136775146037 | USDA's Ag Handbook 8 and sequelae) |
| Rehmannia glutinosa | Root | 2000.0 | 4000.0 | 0.24101653855587235 | -- |
| Eryngium creticus | Shoot | | 3980.0 | -1.3502985177843803 | Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29. |
| Oenothera biennis | Seed | 3100.0 | 3842.0 | -1.1184020033617263 | -- |
| Asimina triloba | Fruit | 339.0 | 3831.0 | -0.07341676491377869 | -- |
| Brassica napus var. napobrassica | Root | 390.0 | 3770.0 | 0.029990875485301268 | USDA's Ag Handbook 8 and sequelae) |
| Persea americana | Fruit | 750.0 | 3653.0 | -0.11951763054214287 | J. Ethnobiology. |
| Citrus sinensis | Fruit | 470.0 | 3548.0 | -0.1467119613903352 | USDA's Ag Handbook 8 and sequelae) |
| Arctium lappa | Root | 670.0 | 3350.0 | -0.3553603353392198 | USDA's Ag Handbook 8 and sequelae) |
| Macadamia spp | Seed | 3240.0 | 3330.0 | -1.1877551336006706 | USDA's Ag Handbook 8 and sequelae) |
| Ipomoea batatas | Root | 810.0 | 3280.0 | -0.41958553714330665 | -- |
| Daucus carota | Root | 400.0 | 3275.0 | -0.4241730515578843 | -- |
| Mangifera indica | Fruit | 410.0 | 3200.0 | -0.23684174363005844 | -- |
| Annona muricata | Fruit | 600.0 | 3180.0 | -0.24202161617257129 | -- |
| Manihot esculenta | Root | 1000.0 | 3175.0 | -0.515923339849437 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------|---------|---------|----------|----------------------|---|
| <i>Pouteria caimito</i> | Fruit | | 3160.0 | -0.2472014887150841 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| <i>Zingiber officinale</i> | Root | 570.0 | 3110.0 | -0.5755610272389462 | USDA's Ag Handbook 8 and sequelae) |
| <i>Zingiber officinale</i> | Rhizome | 570.0 | 3110.0 | -1.0 | -- |
| <i>Perideridia gairdneri</i> | Root | | 2984.0 | -0.6911663904863025 | Izadoost, M. & Robinson, T., Synergism & antagonism in the pharmacology of alkaloidal plants, pp 137-58 in Craker, L. & Simon, J., eds., Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture & Pharmacology, v. 2, 1987, 255pp. |
| <i>Fragaria spp</i> | Fruit | 250.0 | 2966.0 | -0.29744625237745853 | USDA's Ag Handbook 8 and sequelae) |
| <i>Dioscorea pentaphylla</i> | Root | 520.0 | 2800.0 | -0.8599869209427593 | -- |
| <i>Cocos nucifera</i> | Seed | 1470.0 | 2775.0 | -1.2629328431370264 | USDA's Ag Handbook 8 and sequelae) |
| <i>Psoralea esculenta</i> | Root | | 2743.0 | -0.9122845852689443 | Izadoost, M. & Robinson, T., Synergism & antagonism in the pharmacology of alkaloidal plants, pp 137-58 in Craker, L. & Simon, J., eds., Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture & Pharmacology, v. 2, 1987, 255pp. |
| <i>Castanea sativa</i> | Seed | 1189.0 | 2617.0 | -1.2843347856717007 | -- |
| <i>Citrus reticulata</i> | Fruit | 40.0 | 2579.0 | -0.3976767860750818 | -- |
| <i>Phoenix dactylifera</i> | Fruit | 30.0 | 2450.0 | -0.4310869639742895 | -- |
| <i>Benincasa hispida</i> | Fruit | 90.0 | 2305.0 | -0.46864103990750755 | -- |
| <i>Colocasia esculenta</i> | Root | 670.0 | 2280.0 | -1.337088420058833 | -- |
| <i>Carica papaya</i> | Fruit | 250.0 | 2238.0 | -0.48599361292492554 | USDA's Ag Handbook 8 and sequelae) |
| <i>Thymus vulgaris</i> | Plant | 2070.0 | 2236.0 | -0.977693978133575 | USDA's Ag Handbook 8 and sequelae) |
| <i>Pouteria campechiana</i> | Fruit | 840.0 | 2130.0 | -0.5139649246544948 | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| <i>Panax quinquefolius</i> | Plant | 2080.0 | 2100.0 | -0.994569738261644 | -- |
| <i>Annona squamosa</i> | Fruit | 550.0 | 2055.0 | -0.533389446688918 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------|-------|---------|----------|---------------------|--|
| Tamarindus indica | Fruit | 1390.0 | 2026.0 | -0.5409002618755615 | USDA's Ag Handbook 8 and sequelae) |
| Prunus persica | Fruit | 230.0 | 1863.0 | -0.5831162230970411 | -- |
| Ananas comosus | Fruit | 46.0 | 1852.0 | -0.5859651529954232 | -- |
| Acacia farnesiana | Seed | 1750.0 | 1800.0 | -1.3950017923225162 | Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar. |
| Citrus paradisi | Fruit | 160.0 | 1760.0 | -0.6097925666909821 | -- |
| Murraya sp | Fruit | 600.0 | 1728.0 | -0.6180803627590027 | -- |
| Musa x paradisiaca | Fruit | 600.0 | 1728.0 | -0.6180803627590027 | USDA's Ag Handbook 8 and sequelae) |
| Psidium guajava | Fruit | 230.0 | 1656.0 | -0.6367279039120489 | USDA's Ag Handbook 8 and sequelae) |
| Ficus carica | Fruit | 300.0 | 1436.0 | -0.69370650187969 | USDA's Ag Handbook 8 and sequelae) |
| Annona reticulata | Fruit | 370.0 | 1300.0 | -0.7289296351687773 | -- |
| Sambucus canadensis | Plant | 260.0 | 1287.0 | -1.0954520396154683 | -- |
| Artocarpus altilis | Fruit | 370.0 | 1258.0 | -0.7398073675080542 | -- |
| Citrus aurantiifolia | Fruit | 140.0 | 1190.0 | -0.7574189341525978 | USDA's Ag Handbook 8 and sequelae) |
| Phyllanthus emblica | Fruit | 170.0 | 1168.0 | -0.7631167939493619 | -- |
| Prunus domestica | Fruit | 170.0 | 1149.0 | -0.7680376728647491 | USDA's Ag Handbook 8 and sequelae) |
| Pyrus communis | Fruit | 140.0 | 865.0 | -0.8415918629684312 | -- |
| Psidium cattleianum | Fruit | 160.0 | 825.0 | -0.8519516080534569 | -- |
| Theobroma cacao | Seed | | 800.0 | -1.5304571248204542 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Vaccinium corymbosum | Fruit | 120.0 | 780.0 | -0.8636063212741109 | -- |
| Vitis vinifera | Fruit | 150.0 | 772.0 | -0.8656782702911159 | USDA's Ag Handbook 8 and sequelae) |
| Malus domestica | Fruit | 20.0 | 746.0 | -0.8724121045963826 | -- |
| Melicococcus bijugatas | Fruit | 170.0 | 545.0 | -0.9244698236486365 | 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 |
|-----------------------------|-----------|---------|----------|---------------------|--|
| Momordica charantia | Seed | | 149.0 | -1.618638546276612 | Jim Duke's personal files. |
| Linum usitatissimum | Seed | | 2.5 | -1.63848275248756 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Linum usitatissimum | Plant | | 0.209 | -1.2551253944019245 | -- |
| Panax ginseng | Leaf | | | | -- |
| Tulipa gesneriana | Stem | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Allium sativum var. sativum | Leaf | | | | -- |
| Cryptotaenia japonica | Root | | | | -- |
| Stachys officinalis | Shoot | | | | -- |
| Melia azedarach | Seed | | | | -- |
| Angelica sinensis | Root | | | | Jim Duke's personal files. |
| Lentinus edodes | Fruit | | | | -- |
| Glycine max | Shoot | | | | -- |
| Albizia lebbek | Seed | | | | Wealth of India. |
| Coriandrum sativum | Fruit | | | | -- |
| Oryza sativa | Hay | | | | -- |
| Coriandrum sativum | Leaf | | | | -- |
| Alpinia galanga | Leaf | | | | -- |
| Cocos nucifera | Endosperm | | | | Jim Duke's personal files. |
| Cocos nucifera | Leaf | | | | Jim Duke's personal files. |
| Crocus sativus | Bulb | | | | -- |
| Artemisia dracunculus | Root | | | | -- |
| Camellia sinensis | Leaf | | | | -- |
| Humulus lupulus | Fruit | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------------|-------|---------|----------|--------|---|
| Trigonella foenum-graecum | Leaf | | | | -- |
| Artemisia dracunculus | Shoot | | | | -- |
| Scutellaria baicalensis | Root | | | | -- |
| Panax ginseng | Root | | | | -- |
| Achillea millefolium | Plant | | | | Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in Achillea millefolium L. (Asteraceae). Economic Botany 48(2): 111-120, 1994. |
| Hypericum perforatum | Plant | | | | -- |
| Allium ampeloprasum | Plant | | | | -- |
| Urtica dioica | Leaf | | | | Jim Duke's personal files. |
| Spinacia oleracea | Leaf | | | | -- |
| Artemisia dracunculus | Leaf | | | | -- |
| Santalum album | Fruit | | | | -- |
| Harpagophytum procumbens | Root | | | | -- |
| Medicago sativa | Plant | | | | -- |
| Trifolium pratense | Plant | | | | -- |