

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for GLUTAMIC-ACID

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------------|-----------------|---------|----------|----------------------|--|
| Zingiber officinale | Rhizome | 1620.0 | 9328.0 | 1.0 | -- |
| Zingiber officinale | Root | 1620.0 | 9328.0 | -0.49975515668744586 | USDA's Ag Handbook 8 and sequelae) |
| Zea mays | Seed | 6360.0 | 26457.0 | -0.6436731379916952 | USDA's Ag Handbook 8 and sequelae) |
| Vitis vinifera | Fruit | 1380.0 | 7099.0 | -0.47772044794013085 | USDA's Ag Handbook 8 and sequelae) |
| Vigna radiata | Sprout Seedling | 1610.0 | 16912.0 | -1.3307273280388923 | USDA's Ag Handbook 8 and sequelae) |
| Vigna radiata | Seed | 42640.0 | 46883.0 | 0.21811788021109724 | USDA's Ag Handbook 8 and sequelae) |
| Vigna unguiculata | Seed | | 43190.0 | 0.06230694169044158 | -- |
| Vigna unguiculata | Seed | | 43190.0 | 0.06230694169044158 | -- |
| Vigna angularis | Seed | 30990.0 | 35802.0 | -0.24939931712098654 | -- |
| Vicia faba | Seed | 8550.0 | 45000.0 | 0.13867244364613796 | USDA's Ag Handbook 8 and sequelae) |
| Valerianella locusta | Plant | 2030.0 | 28195.0 | 0.5626421499717483 | -- |
| Valeriana officinalis | Root | | | | -- |
| Vaccinium corymbosum | Fruit | 830.0 | 5393.0 | -0.6104836030782232 | -- |
| Urtica dioica | Leaf | | | | Jim Duke's personal files. |
| Triticum aestivum | Seed | 39000.0 | 63000.0 | 0.8981083746972622 | -- |
| Trigonella foenum-graecum | Seed | 39880.0 | 43870.0 | 0.0909967435301507 | -- |
| Trifolium pratense | Plant | | | | -- |
| Tribulus terrestris | Fruit | | | | -- |
| Tilia sp. | Fruit | | | | -- |
| Theobroma cacao | Seed | | 10200.0 | -1.3295703563860357 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Taraxacum officinale | Leaf | | | | 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. |
| Stachys officinalis | Shoot | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------------|-------------|---------|----------|-----------------------|---|
| Spinacia oleracea | Plant | 3430.0 | 40735.0 | 1.5707193839545637 | USDA's Ag Handbook 8 and sequelae) |
| Solanum tuberosum | Tuber | 3470.0 | 24150.0 | 0.6715518059550106 | -- |
| Solanum melongena | Fruit | 2010.0 | 24907.0 | 0.9081214434427236 | -- |
| Sinapis alba | Seed | 49790.0 | 53275.0 | 0.48780201750436314 | -- |
| Silybum marianum | Seed | | | | -- |
| Sesamum indicum | Seed | 24670.0 | 51927.0 | 0.4309287044456456 | -- |
| Sechium edule | Fruit | 1370.0 | 19570.0 | 0.4927891111027475 | -- |
| Secale cereale | Seed | 36610.0 | 41110.0 | -0.025450099231021674 | USDA's Ag Handbook 8 and sequelae) |
| Scutellaria baicalensis | Root | | | | -- |
| Sambucus canadensis | Fruit | 960.0 | 4752.0 | -0.6603670628927117 | USDA's Ag Handbook 8 and sequelae) |
| Rosmarinus officinalis | Leaf | 3610.0 | 11200.0 | -1.4449537951023277 | USDA's Ag Handbook 8 and sequelae) |
| Ricinus communis | Seed | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Ribes nigrum | Fruit Juice | | 210.0 | | -- |
| Rehmannia glutinosa | Root | 2000.0 | 53000.0 | 3.202606243067563 | -- |
| Raphanus sativus | Root | 1320.0 | 25580.0 | 0.8780332997335651 | -- |
| Pyrus communis | Fruit | 280.0 | 1729.0 | -0.8956208835154862 | -- |
| Psoralea esculenta | Root | 4093.0 | 12319.0 | -0.24618850192770889 | 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. |
| Psophocarpus tetragonolobus | Leaf | 3890.0 | 16803.0 | -1.142000315027485 | -- |
| Psophocarpus tetragonolobus | Tuber | 8000.0 | 18779.0 | -0.06387581149516006 | -- |
| Psophocarpus tetragonolobus | Seed | 40100.0 | 43749.0 | 0.08589164643808482 | -- |
| Psidium guajava | Fruit | 1070.0 | 7704.0 | -0.43063855529151074 | USDA's Ag Handbook 8 and sequelae) |
| Psidium cattleianum | Fruit | 760.0 | 3930.0 | -0.7243361798467046 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------|-----------------|---------|----------|----------------------|---|
| <i>Prunus persica</i> | Fruit | 1060.0 | 8586.0 | -0.3620001597277373 | -- |
| <i>Prunus cerasus</i> | Fruit | | | | -- |
| <i>Prunus dulcis</i> | Seed | 59340.0 | 62070.0 | 0.8588708515929542 | USDA's Ag Handbook 8 and sequelae) |
| <i>Prunus armeniaca</i> | Fruit | 1570.0 | 11500.0 | -0.13522886191273067 | USDA's Ag Handbook 8 and sequelae) |
| <i>Prunus domestica</i> | Fruit | 370.0 | 2500.0 | -0.8356206533798067 | USDA's Ag Handbook 8 and sequelae) |
| <i>Portulaca oleracea</i> | Herb | 1500.0 | 33792.0 | -1.0 | -- |
| <i>Plantago ovata</i> | Seed | | | | -- |
| <i>Pisum sativum</i> | Shoot | | 70.0 | -1.3728059371053247 | -- |
| <i>Pisum sativum</i> | Seed | 7400.0 | 35005.0 | -0.283025452512528 | -- |
| <i>Pisum sativum</i> | Fruit | 4480.0 | 44313.0 | 2.4183217884660655 | -- |
| <i>Pistacia vera</i> | Seed | 49160.0 | 51139.0 | 0.3976822870196297 | -- |
| <i>Pinus pinea</i> | Seed | 40840.0 | 59800.0 | 0.7630975425103956 | -- |
| <i>Pinus edulis</i> | Seed | 19690.0 | 20925.0 | -0.8770731141347408 | USDA's Ag Handbook 8 and sequelae) |
| <i>Pinellia ternata</i> | Tuber | | | | -- |
| <i>Phyllanthus emblica</i> | Fruit | 1320.0 | 6535.0 | -0.5216116668720676 | -- |
| <i>Phoenix dactylifera</i> | Fruit | 400.0 | 6160.0 | -0.5507946581831958 | -- |
| <i>Phaseolus vulgaris</i> | Fruit | 1870.0 | 19219.0 | 0.46547383123553154 | USDA's Ag Handbook 8 and sequelae) |
| <i>Phaseolus vulgaris</i> | Sprout Seedling | 5120.0 | 55054.0 | 1.0799400548183595 | USDA's Ag Handbook 8 and sequelae) |
| <i>Phaseolus lunatus</i> | Seed | 8810.0 | 33820.0 | -0.333021651306727 | USDA's Ag Handbook 8 and sequelae) |
| <i>Phaseolus vulgaris</i> | Seed | 32940.0 | 37019.0 | -0.19805301000491887 | USDA's Ag Handbook 8 and sequelae) |
| <i>Persea americana</i> | Fruit | 1660.0 | 8045.0 | -0.40410148852592487 | -- |
| <i>Perideridia gairdneri</i> | Root | | 12319.0 | -0.24618850192770889 | 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>Papaver somniferum</i> | Seed | 45410.0 | 48713.0 | 0.2953271998679615 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------|---------|---------|----------|----------------------|--|
| Papaver bracteatum | Seed | 37600.0 | 43200.0 | 0.06272885054102553 | -- |
| Panax quinquefolius | Plant | 396.0 | 4450.0 | -1.3461930909311184 | -- |
| Panax ginseng | Root | | | | -- |
| Panax ginseng | Leaf | | | | -- |
| Pachyrhizus erosus | Tuber | 820.0 | 7560.0 | -1.6000445771204561 | -- |
| Oryza sativa | Hay | | | | -- |
| Opuntia ficus-indica | Seed | | 37500.0 | -0.17775919429183049 | Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29. |
| Opuntia ficus-indica | Bud | | 16000.0 | | Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29. |
| Oenothera biennis | Seed | 26300.0 | 28068.0 | -0.5757036221626196 | -- |
| Ocimum basilicum | Leaf | | 15650.0 | -1.204342874821576 | USDA's Ag Handbook 8 and sequelae) |
| Nigella sativa | Seed | 28085.0 | 35900.0 | -0.24526461038526376 | -- |
| Nelumbo nucifera | Rhizome | 1390.0 | 6650.0 | -1.0 | -- |
| Nelumbo nucifera | Seed | 9570.0 | 29000.0 | -0.5363817172881947 | -- |
| Nasturtium officinale | Herb | 1900.0 | 38000.0 | 1.0 | USDA's Ag Handbook 8 and sequelae) |
| Myrica cerifera | Root | | | | -- |
| Musa x paradisiaca | Fruit | 1160.0 | 3341.0 | -0.7701729315327166 | USDA's Ag Handbook 8 and sequelae) |
| Murraya sp | Fruit | 1160.0 | 3341.0 | -0.7701729315327166 | -- |
| Mucuna pruriens | Seed | 19075.0 | 40440.0 | -0.05371799222014686 | -- |
| Morus alba | Leaf | | | | -- |
| Moringa oleifera | Shoot | 10350.0 | 48500.0 | 0.39220423591385656 | USDA's Ag Handbook 8 and sequelae) |
| Momordica charantia | Seed | | 212.0 | -1.7509729163492929 | Jim Duke's personal files. |
| Momordica charantia | Fruit | | | | Jim Duke's personal files. |
| Mentha x piperita | Leaf | 4090.0 | 19155.0 | -1.0148279814319057 | USDA's Ag Handbook 8 and sequelae) |
| Mentha spicata | Leaf | 3580.0 | 24775.0 | -0.7109553135717208 | USDA's Ag Handbook 8 and sequelae) |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------|-----------------|---------|----------|-----------------------|---|
| Melia azedarach | Plant | | | | -- |
| Manihot esculenta | Root | 4700.0 | 14925.0 | -0.025260818108292494 | -- |
| Mangifera indica | Fruit | 600.0 | 6800.0 | -0.5009890196788704 | -- |
| Malus domestica | Fruit | 156.0 | 1244.0 | -0.9333642189445454 | -- |
| Macadamia spp | Seed | 17820.0 | 18330.0 | -0.9865584608612779 | USDA's Ag Handbook 8 and sequelae) |
| Lycopersicon esculentum | Fruit | 90.0 | 54053.0 | 3.1763013494537677 | -- |
| Lycium barbarum | Fruit | | 6300.0 | -0.5398996747603746 | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Lupinus albus | Seed | 21650.0 | 96985.0 | 2.3319656034068434 | -- |
| Linum usitatissimum | Seed | | 1.153 | -1.7598687378912001 | -- |
| Lepidium meyenii | Root | | 15650.0 | 0.036202179116986435 | Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp. |
| Lentinus edodes | Fruit | | | | -- |
| Lens culinaris | Sprout Seedling | 12580.0 | 41935.0 | 0.25078727322053307 | USDA's Ag Handbook 8 and sequelae) |
| Lens culinaris | Seed | 43500.0 | 49000.0 | 0.30743598387972115 | USDA's Ag Handbook 8 and sequelae) |
| Larrea tridentata | Plant | | 13600.0 | -0.6106343436470067 | -- |
| Lactuca sativa | Leaf | 1820.0 | 30333.0 | -0.4104349776345486 | -- |
| Lablab purpureus | Seed | 1720.0 | 42815.0 | 0.04648535979354315 | -- |
| Juglans nigra | Seed | 52130.0 | 54505.0 | 0.53969680612619 | USDA's Ag Handbook 8 and sequelae) |
| Juglans cinerea | Seed | 60840.0 | 62942.0 | 0.8956613033638753 | -- |
| Juglans regia | Seed | 28090.0 | 29155.0 | -0.5298421301041434 | USDA's Ag Handbook 8 and sequelae) |
| Ipomoea aquatica | Leaf | 2520.0 | 33465.0 | -0.24108814565268047 | -- |
| Ipomoea batatas | Root | 1590.0 | 6360.0 | -0.7513719508455532 | -- |
| Huperzia spp | Plant | | | | -- |
| Hordeum vulgare | Seed | 32000.0 | 38000.0 | -0.15666375176263259 | Jim Duke's personal files.* |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|--------------------------|-------|---------|----------|----------------------|---|
| Helianthus tuberosus | Tuber | | 26493.0 | 0.992368582660606 | 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. |
| Harpagophytum procumbens | Root | | | | -- |
| Glycine max | Shoot | | | | -- |
| Glycine max | Seed | 70680.0 | 77280.0 | 1.500594213331154 | USDA's Ag Handbook 8 and sequelae) |
| Glechoma hederacea | Plant | | | | Oriental Materia Medica (three volumes by Dr. Hsu and collaborators) |
| Ginkgo biloba | Seed | 8360.0 | 22840.0 | -0.7962775692479128 | USDA's Ag Handbook 8 and sequelae) |
| Fragaria spp | Fruit | 900.0 | 10676.0 | -0.19935362148704966 | USDA's Ag Handbook 8 and sequelae) |
| Foeniculum vulgare | Seed | 29560.0 | 32427.0 | -0.3917935541930723 | USDA's Ag Handbook 8 and sequelae) |
| Foeniculum vulgare | Fruit | 29560.0 | 32427.0 | 1.4933376958685471 | -- |
| Ficus carica | Fruit | 720.0 | 3447.0 | -0.7619238726554377 | USDA's Ag Handbook 8 and sequelae) |
| Fagopyrum esculentum | Seed | | 23300.0 | -0.7768697621210507 | Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29. |
| Elaeagnus angustifolia | Root | | 0.48 | -1.2905101027270787 | Wheller, C. T., Bond, G. 1970. The Amino Acids of Non-Legume Root Nodules. Phytochemistry 9: 705-708. Dept. Botany Univ. Glasgow Glasgow, Scotland. |
| Dryopteris marginalis | Plant | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Dioscorea pentaphylla | Root | 1590.0 | 8565.0 | -0.5644396627328083 | -- |
| Daucus carota | Root | 2020.0 | 16545.0 | 0.11207718948474456 | -- |
| Cucurbita pepo | Seed | 43150.0 | 101820.0 | 2.535958532664187 | -- |
| Cucurbita foetidissima | Seed | 52800.0 | 73530.0 | 1.3423783943621699 | -- |
| Cucurbita pepo | Fruit | 1840.0 | 35000.0 | 1.6935719269179679 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------|-----------|---------|----------|----------------------|--|
| Cucurbita spp | Fruit | 1260.0 | 19935.0 | 0.5211938893122456 | -- |
| Cucumis sativus | Fruit | 1540.0 | 38987.0 | 2.0038454905378824 | -- |
| Cryptotaenia japonica | Shoot | | | | -- |
| Crocus sativus | Bulb | | | | -- |
| Coriandrum sativum | Fruit | | | | -- |
| Corchorus olitorius | Leaf | 4930.0 | 40130.0 | 0.11928753607118647 | -- |
| Colocasia esculenta | Root | 1740.0 | 5925.0 | -0.7882497491807205 | -- |
| Coffea arabica | Seed | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Cocos nucifera | Seed | 7610.0 | 14355.0 | -1.154267228968401 | USDA's Ag Handbook 8 and sequelae) |
| Cocos nucifera | Leaf | | | | Jim Duke's personal files. |
| Cocos nucifera | Endosperm | | | | Jim Duke's personal files. |
| Coccinia grandis | Flower | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Cnidioscolus chayamansa | Leaf | 11780.0 | 58900.0 | 1.1341789908284232 | -- |
| Citrus paradisi | Fruit | 220.0 | 2800.0 | -0.8122742603309042 | -- |
| Citrus limon | Plant | | | | -- |
| Citrus sinensis | Fruit | 60.0 | 7097.0 | -0.4778760905604569 | -- |
| Citrus reticulata | Fruit | 160.0 | 5158.0 | -0.6287716109665302 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| Citrullus lanatus | Seed | | 53000.0 | 0.4761995241133043 | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Citrullus lanatus | Fruit | | 7420.0 | -0.45273980737780517 | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Cichorium endivia | Leaf | 1660.0 | 26731.0 | -0.6051946483876423 | -- |
| Cicer arietinum | Seed | 33600.0 | 38150.0 | -0.15033511900387322 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------------------|---------|---------|----------|----------------------|---|
| Chondrus crispus | Thallus | | | | Jim Duke's personal files. |
| Chenopodium album | Leaf | 5210.0 | 33188.0 | -0.25606549956678565 | -- |
| Ceratonia siliqua | Seed | | 131600.0 | 3.7924030897032144 | Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705. |
| Centella asiatica | Plant | | | | =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 |
| Castanea mollisima | Seed | 5393.0 | 9600.0 | -1.354884887421073 | -- |
| Castanea dentata | Seed | 6204.0 | 11043.0 | -1.294003440281808 | -- |
| Castanea sativa | Seed | 2558.0 | 5628.0 | -1.5224670828730211 | -- |
| Carum carvi | Seed | 31690.0 | 35175.0 | -0.2758530020526007 | Revised USDA data received 1993. |
| Carica papaya | Fruit | | | | USDA's Ag Handbook 8 and sequelae) |
| Capsicum frutescens | Fruit | 2640.0 | 21542.0 | 0.6462527347442002 | USDA's Ag Handbook 8 and sequelae) |
| Capsicum annuum | Fruit | 1120.0 | 15277.0 | 0.15870222657295222 | USDA's Ag Handbook 8 and sequelae) |
| Capsella bursa-pastoris | Plant | | | | -- |
| Calathea allouia | Root | 8825.0 | 9710.0 | -0.4673705153908161 | -- |
| Cajanus cajan | Seed | 40790.0 | 56270.0 | 0.6141637182542585 | -- |
| Brassica oleracea var. viridis l. | Leaf | 1310.0 | 21471.0 | -0.8896021631464629 | -- |
| Brassica napus var. napobrassica | Root | 1420.0 | 13730.0 | -0.12656879284513156 | USDA's Ag Handbook 8 and sequelae) |
| Brassica rapa | Root | 1300.0 | 15990.0 | 0.06502620540194483 | -- |
| Brassica oleracea var. capitata l. | Leaf | 2700.0 | 36099.0 | -0.09866810879436606 | USDA's Ag Handbook 8 and sequelae) |
| Brassica chinensis | Leaf | 3600.0 | 76932.0 | 2.1091668817278633 | -- |
| Brassica oleracea var. italica | Leaf | 3750.0 | 40275.0 | 0.12712766718145815 | USDA's Ag Handbook 8 and sequelae) |
| Brassica oleracea var. sabellica l. | Leaf | 3740.0 | 24065.0 | -0.749344921077189 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------------|--------|---------|----------|----------------------|---|
| Brassica oleracea var. botrytis l. | Leaf | 3750.0 | 40275.0 | 0.12712766718145815 | -- |
| Brassica rapa | Leaf | 3600.0 | 76932.0 | 2.1091668817278633 | USDA's Ag Handbook 8 and sequelae) |
| Brassica oleracea var. botrytis l. | Flower | 2650.0 | 34240.0 | | -- |
| Beta vulgaris | Root | 3930.0 | 30994.0 | 1.3370135300475792 | USDA's Ag Handbook 8 and sequelae) |
| Bertholletia excelsa | Seed | 31510.0 | 32600.0 | -0.3844945310779699 | -- |
| Basella alba | Leaf | 2830.0 | 41015.0 | 0.1671393707787067 | -- |
| Bacopa monnieri | Plant | | | | Wealth of India. |
| Averrhoa carambola | Fruit | 770.0 | 8480.0 | -0.3702492186050162 | USDA's Ag Handbook 8 and sequelae) |
| Avena sativa | Plant | | 19000.0 | -0.17653409934818678 | Jim Duke's personal files.* |
| Avena sativa | Seed | 29000.0 | 31000.0 | -0.4519999471714031 | Jim Duke's personal files.* |
| Astragalus membranaceus | Root | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| Asparagus officinalis | Shoot | 5010.0 | 64645.0 | 0.9806017011914672 | -- |
| Asimina triloba | Fruit | 622.0 | 7332.0 | -0.4595880826721499 | -- |
| Artocarpus altilis | Seed | 10360.0 | 23690.0 | -0.7604153169482764 | USDA's Ag Handbook 8 and sequelae) |
| Artemisia dracunculus | Root | | | | -- |
| Artemisia dracunculus | Shoot | | | | -- |
| Artemisia dracunculus | Leaf | | | | -- |
| Arctium lappa | Root | 1570.0 | 7850.0 | -0.6250548944791179 | USDA's Ag Handbook 8 and sequelae) |
| Arachis hypogaea | Seed | 54650.0 | 65281.0 | 0.994345783515463 | -- |
| Apium graveolens | Pt | 860.0 | 18285.0 | | USDA's Ag Handbook 8 and sequelae) |
| Apium graveolens | Shoot | | | | -- |
| Angelica sinensis | Root | | | | Jim Duke's personal files. |
| Ananas comosus | Fruit | 90.0 | 3333.0 | -0.7707955020140207 | -- |
| Anacardium occidentale | Seed | 36240.0 | 36867.0 | -0.20446602453379503 | -- |
| Anabasis aphylla | Plant | | | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-----------------------------|-------|---------|----------|----------------------|--|
| Amaranthus sp. | Leaf | 2920.0 | 35128.0 | -0.15116995229832328 | -- |
| Alpinia galanga | Leaf | | | | -- |
| Aloe vera | Leaf | | 43256.0 | 0.28830994883469857 | -- |
| Allium ampeloprasum | Plant | | | | -- |
| Allium schoenoprasum | Leaf | 5790.0 | 72400.0 | 1.864122232129579 | USDA's Ag Handbook 8 and sequelae) |
| Allium sativum var. sativum | Leaf | | | | -- |
| Allium cepa | Bulb | | | | Thomas, D. J., Parkin, K. L. 1994. Quantification of Alk(en)yl-L-Cysteine Sulfoxides and Related Amino Acids in Alliums by High-Performance Liquid Chromatography. J. Agr. Food Chem., 42(8): 1632-1638. |
| Allium sativum var. sativum | Bulb | 5.0 | 19320.0 | | -- |
| 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. |
| Acacia farnesiana | Leaf | 10080.0 | 54070.0 | 0.8730215200517875 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| Abelmoschus esculentus | Fruit | 2710.0 | 27100.0 | 1.0787835766302012 | USDA's Ag Handbook 8 and sequelae) |