

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for OLEIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus esculentus	Seed	43920.0	100190.0	-0.15547958517496932	--
Abelmoschus moschatus	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Abrus precatorius	Seed		12125.0	-0.8794255922658221	Wealth of India.
Abutilon theophrasti	Seed		22645.0	-0.7929450154805411	Wealth of India.
Acacia nilotica	Plant				--
Acacia farnesiana	Seed	4200.0	16000.0	-0.847570817071624	--
Achillea millefolium	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Acrocomia totai	Fruit		223520.0	1.2419983541797803	--
Actaea racemosa	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Aesculus hippocastanum	Seed		18990.0	-0.8229912615024234	--
Ageratum conyzoides	Seed		18075.0	-0.8305130987418275	Wealth of India.
Akebia quinata	Seed				--
Aleurites fordii	Seed	45000.0	90000.0	-0.23924736820177667	--
Aleurites moluccana	Seed	59850.0	365580.0	2.0261820377381223	--
Alisma plantago-aquatica	Plant				--
Alliaria petiolata	Plant		15400.0	2.26955877637671	--
Allium sativum var. sativum	Bulb	60.0	1200.0	-1.0	--
Allium cepa	Seed Oil	260000.0	292900.0	-0.1478289753657865	--
Allium cepa	Seed		46800.0	-0.5943767329474172	Wealth of India.
Allium schoenoprasum	Leaf	840.0	10500.0	0.8290115018571919	USDA's Ag Handbook 8 and sequelae)
Allium cepa	Bulb	230.0	2230.0	1.0	--
Allium sativum var. sativum	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Aloe vera	Shoot				Afzal, M., Ali, M., Hassan, R. A. H., Sweedan, N., Dhami, M. S. I. 1991. Identification of Some Prostanoids in Aloe vera Extracts. Plant Medica, 57(1): 38-40.
Althaea officinalis	Seed	39425.0	52975.0	-0.5436146073153726	Wealth of India.
Ammi majus	Plant				--
Ammi visnaga	Seed				--
Amphicarpaea bracteata	Seed	12450.0	42720.0	-0.6279167285067278	--
Anacardium occidentale	Seed	268080.0	296000.0	1.4541935840575282	--
Anamirta cocculus	Fruit				--
Ananas comosus	Fruit	450.0	3333.0	-0.4550566138643591	USDA's Ag Handbook 8 and sequelae)
Anethum graveolens	Seed	78000.0	101369.0	-0.14578751292878622	--
Anethum graveolens	Fruit	93600.0	101369.0	0.30053967859239455	--
Anethum graveolens	Plant				--
Angelica archangelica	Seed		133000.0	0.11423787911448594	--
Angelica sinensis	Root				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Annona cherimola	Seed	95000.0	122500.0	0.027921714072142736	--
Annona reticulata	Plant				--
Apium graveolens	Pt	230.0	4850.0		USDA's Ag Handbook 8 and sequelae)
Apium graveolens	Seed Oil				--
Apium graveolens	Seed	73200.0	162560.0	0.3572384351765495	--
Aquilegia vulgaris	Seed		16140.0	-0.8464199348710594	--
Arachis hypogaea	Seed	217570.0	254065.0	1.1094632620527032	--
Aralia spinosa	Seed		102000.0	-0.14060032243909873	Kleiman, R., Spencer, G. F. 1982. Search for New Industrial Oils: 16. Umbelliflorae-Seed Oils Rich in Petroselinic Acid. J. Amer. Oil Chem. Soc., 59: 29-32.
Arctium lappa	Fruit	30000.0	36000.0	-0.20328110195358376	Wealth of India.
Areca catechu	Seed	12760.0	41760.0	-0.635808492167742	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Argemone mexicana</i>	Seed	44000.0	85800.0	-0.273773834218714	--
<i>Artemisia dracunculus</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Artemisia capillaris</i>	Essential Oil				--
<i>Asclepias syriaca</i>	Seed	13650.0	47700.0	-0.5869782045152164	--
<i>Asimina triloba</i>	Fruit	1392.0	24780.0	-0.2897574004700958	--
<i>Asparagus officinalis</i>	Shoot	60.0	774.0	-1.4142135623730956	--
<i>Astrocaryum vulgare</i>	Seed Oil		596000.0	1.4357496896999906	Gomes, D. S. W. 1983. Composition of Tucuma ( <i>Astrocaryum vulgare</i> ) Pulp Oil. Riv Ital Sostanze Grasse 60 9:583-584. Fac Cienc Saude Curso Farm Biochim Univ Amazonas Manaus, Brazil.
<i>Azadirachta indica</i>	Fruit		238050.0	1.3539859314921616	--
<i>Bactris gasipaes</i>	Fruit	13240.0	85620.0	0.17915685993494818	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Bactris gasipaes</i>	Seed		57000.0	-0.510526744049141	--
<i>Balanites aegyptiacus</i>	Seed	81000.0	135000.0	0.13067905340826558	--
<i>Benincasa hispida</i>	Fruit	370.0	9485.0	-0.40764108904496676	--
<i>Bertholletia excelsa</i>	Seed	198000.0	408100.0	2.375721403223878	--
<i>Beta vulgaris</i>	Root	270.0	2129.0	0.028613646599413095	USDA's Ag Handbook 8 and sequelae)
<i>Bixa orellana</i>	Seed	365.0	5960.0	-0.9301055120263978	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.
<i>Borago officinalis</i>	Seed Essent. Oil		200000.0	1.4142135623730951	Jim Duke's personal files.
<i>Borago officinalis</i>	Seed	22100.0	100000.0	-0.1570414967328784	--
<i>Brassica rapa</i>	Leaf	140.0	2992.0	-0.24728425396916065	USDA's Ag Handbook 8 and sequelae)
<i>Brassica oleracea</i> var. <i>sabellica</i> l.	Leaf	490.0	3155.0	-0.2239176838839588	--
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Leaf	190.0	1357.0	-0.4816667207747129	USDA's Ag Handbook 8 and sequelae)
<i>Brassica napus</i> var. <i>napobrassica</i>	Root	250.0	2415.0	0.12622998370595992	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. italica	Leaf	240.0	2578.0	-0.3066324749217592	USDA's Ag Handbook 8 and sequelae)
Brassica rapa	Root	60.0	740.0	-0.44547408850895587	--
Brassica oleracea var. viridis l.	Plant				--
Brassica oleracea var. botrytis l.	Leaf	240.0	2578.0	-0.3066324749217592	--
Brassica chinensis	Leaf	140.0	2992.0	-0.24728425396916065	--
Brassica oleracea	Stem	70.0	780.0		--
Brassica oleracea var. botrytis l.	Flower	120.0	1550.0	0.47798392866277417	--
Brassica oleracea var. capitata l.	Leaf	130.0	1738.0	-0.4270491551154374	USDA's Ag Handbook 8 and sequelae)
Brassica nigra	Leaf	200.0	2945.0	-0.25402185393237836	USDA's Ag Handbook 8 and sequelae)
Bryonia alba	Root				--
Bupleurum chinense	Root				--
Buxus sempervirens	Seed				--
Cajanus cajan	Seed	120.0	381.0	-0.9759681677188962	--
Calendula officinalis	Seed	42300.0	73000.0	-0.37899734969890375	--
Calotropis sp.	Seed	139000.0	190000.0	0.5828113464872063	--
Camellia sinensis	Seed				--
Camellia japonica	Seed	554880.0	580890.0	3.796156656334971	Wealth of India.
Camellia sinensis	Seed Oil				--
Camellia sinensis	Leaf				--
Canarium indicum	Seed		290632.0	1.4100654722530235	--
Cannabis sativa	Seed	44400.0	53700.0	-0.5376546816338774	--
Capparis spinosa	Flower	277.0	2162.0	1.3557818711732559	--
Capparis spinosa	Seed	132720.0	165600.0	0.38222902010309456	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Capsicum annum	Seed				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
<i>Capsicum frutescens</i>	Seed				--
<i>Capsicum annuum</i>	Fruit	270.0	3582.0	-0.4531374874534312	--
<i>Capsicum frutescens</i>	Fruit	110.0	898.0	-0.47382397454953795	USDA's Ag Handbook 8 and sequelae)
<i>Carapa guianensis</i>	Seed	275000.0	375000.0	2.1036199686618247	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Carica papaya</i>	Flower				Jim Duke's personal files.
<i>Carica papaya</i>	Fruit	180.0	1611.0	-0.4683286447061981	USDA's Ag Handbook 8 and sequelae)
<i>Carica papaya</i>	Leaf				Jim Duke's personal files.
<i>Carica papaya</i>	Seed Oil	743000.0	755000.0	2.266462351347825	Jim Duke's personal files.
<i>Carica papaya</i>	Seed	193545.0	202400.0	0.6847466271086402	--
<i>Carthamus tinctorius</i>	Seed	11000.0	206580.0	0.7191086813826397	--
<i>Carum carvi</i>	Fruit	54400.0	95648.0	0.2564460151509538	--
<i>Carum carvi</i>	Seed	29000.0	241000.0	1.0020612909785875	--
<i>Carya illinoensis</i>	Leaf				--
<i>Cassia tora</i>	Seed	13068.0	29304.0	-0.7382041256694017	--
<i>Catalpa bignonioides</i>	Seed	4445.0	33330.0	-0.7051080418160233	--
<i>Caulophyllum thalictroides</i>	Root				Jim Duke's personal files.
<i>Ceiba pentandra</i>	Seed	86000.0	212000.0	0.7636642637187826	--
<i>Centaurea calcitrapa</i>	Plant				--
<i>Centaureum erythraea</i>	Plant				--
<i>Centella asiatica</i>	Plant				--
<i>Ceratonia siliqua</i>	Seed	410.0	3670.0	-0.9489306565927755	Wealth of India.
<i>Chamaelirium luteum</i>	Rhizome				Jim Duke's personal files.
<i>Cicer arietinum</i>	Seed	13460.0	15215.0	-0.8540239779819325	USDA's Ag Handbook 8 and sequelae)
<i>Cichorium intybus</i>	Root	40.0	200.0	-0.6297846550737646	USDA's Ag Handbook 8 and sequelae)
<i>Cichorium intybus</i>	Leaf	20.0	408.0	-0.6177088987554278	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cichorium endivia	Leaf	40.0	644.0	-0.5838775457486325	--
Cichorium intybus	Seed				--
Cimicifuga racemosa	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Cinnamomum verum	Seed	11400.0	13300.0	-0.8697664023682266	Wealth of India.
Citrullus lanatus	Seed	71000.0	189000.0	0.5745907593403166	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Citrullus colocynthis	Seed				--
Citrullus lanatus	Cotyledon		241000.0	0.9197508532724963	--
Citrus sinensis	Fruit	20.0	1510.0	-0.4691070855395464	USDA's Ag Handbook 8 and sequelae)
Citrus reticulata	Seed Oil				--
Citrus reticulata	Fruit	300.0	2418.0	-0.4621088253743955	USDA's Ag Handbook 8 and sequelae)
Citrus paradisi	Fruit	120.0	1320.0	-0.4705714791864392	USDA's Ag Handbook 8 and sequelae)
Citrus aurantiifolia	Plant	160.0	1360.0	-0.6725782785123336	--
Cnicus benedictus	Seed	159840.0	186480.0	0.5538748797301541	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cocos nucifera	Seed	2920.0	58958.0	-0.4944308344155307	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Coffea arabica	Seed	5920.0	12800.0	-0.8738766959416714	--
Colocasia esculenta	Root	160.0	545.0	-0.5120306819906923	--
Colocasia esculenta	Leaf	600.0	4185.0	-0.07626389745599621	--
Corchorus olitorius	Seed	10280.0	13470.0	-0.8683689025532553	--
Corchorus olitorius	Leaf	140.0	1140.0	-0.5127743631580797	--
Coriandrum sativum	Fruit	39930.0	167819.0	0.8126920882556948	--
Coriandrum sativum	Seed Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Coriandrum sativum	Seed		94000.0	-0.20636501961421735	--
Cornus mas	Seed Oil				Hohn, M. E., Meinschein, W. G. 1976. Seed Oil Fatty Acids: Evolutionary Significance in the Nyssaceae and Cornaceae. Biochem. Syst. Ecol., 4: 193-199.
Cornus mas	Seed		160000.0	0.3361937320805115	Kleiman, R., Spencer, G. F. 1982. Search for New Industrial Oils: 16. Umbelliflorae-Seed Oils Rich in Petroselinic Acid. J. Amer. Oil Chem. Soc., 59: 29-32.
Corylus avellana	Essential Oil				--
Corylus avellana	Seed	425000.0	572650.0	3.7284190182445993	--
Crescentia alata	Seed				Tramil
Crocus sativus	Silk Stigma Style				--
Croton tiglium	Seed	111000.0	185000.0	0.5417084107527572	--
Cryptostegia grandifolia	Seed		41525.0	-0.6377403301472611	--
Cucumis sativus	Fruit	20.0	506.0	-0.4768452498631273	--
Cucumis melo	Cotyledon	40500.0	195300.0	-0.3646682145518912	--
Cucumis sativus	Cotyledon	55200.0	241000.0	0.9197508532724963	--
Cucumis sativus	Seed	116100.0	180000.0	0.5006054750183081	--
Cucumis melo	Seed	81000.0	200700.0	0.6707716289589275	--
Cucurbita pepo	Seed	70000.0	234570.0	0.949202915624086	--
Cucurbita maxima	Seed		128065.0	0.07366928154458463	--
Cucurbita pepo	Fruit	60.0	714.0	-0.4752421241865289	USDA's Ag Handbook 8 and sequelae)
Cucurbita foetidissima	Seed	56135.0	169500.0	0.4142893099759649	--
Cucurbita spp	Fruit	140.0	2215.0	-0.46367341437607573	--
Cucurbita pepo	Flower	40.0	825.0	-0.5618910849321588	USDA's Ag Handbook 8 and sequelae)
Cuminum cyminum	Seed		154000.0	0.28687020919917255	--
Cuminum cyminum	Seed Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cyamopsis tetragonoloba	Seed Oil		290000.0	-0.16298033837697343	Varade, P. B., Misra, B. K., Sikka, K. C., Singh, S. P. 1984. Nutritive Assessment of Guar Oil (Cyamopsis tetragonoloba L. Taub). J Agr Food Chem, 32(5): 1073-1075.
Cydonia oblonga	Seed				--
Cynara cardunculus	Flower	50.0	330.0	-1.2718747149038718	USDA's Ag Handbook 8 and sequelae)
Cyperus rotundus	Rhizome				--
Datura stramonium	Seed	93000.0	186000.0	0.5499289978996471	--
Datura metel	Seed		73000.0	-0.37899734969890375	--
Daucus carota	Root	60.0	490.0	-0.5308030545111821	--
Daucus carota	Seed	55800.0	230300.0	0.9141010085068665	--
Dioscorea pentaphylla	Root	40.0	215.0	-0.624664917113631	--
Dipsacus fullonum	Seed	110000.0	150000.0	0.25398786061161327	--
Dipteryx odorata	Seed		14900.0	-0.8566134629332027	--
Dodonaea viscosa	Seed	12500.0	45315.0	-0.6065843048605487	--
Echinacea angustifolia	Root				--
Elaeis guineensis	Fruit	183080.0	429155.0	2.8268961835418978	--
Elaeis oleifera	Seed	34800.0	60000.0	-0.48586498260847155	--
Elaeis oleifera	Fruit	137750.0	237500.0	1.3497468972511562	--
Elettaria cardamomum	Fruit	8500.0	9240.0	-0.4095293861159601	Revised USDA data received 1993.
Elettaria cardamomum	Seed Oil				--
Elettaria cardamomum	Seed	41942.0	62600.0	-0.46449145602655795	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Eriobotrya japonica	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Eruca sativa	Seed	22700.0	62475.0	-0.4655190294199192	--
Erythrina crista-galli	Seed		85000.0	-0.28035030393622584	--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus globulus	Fruit				--
Eucommia ulmoides	Seed Oil	160000.0	180000.0	-0.7376872112150977	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Euphorbia lathyris	Seed	340000.0	365500.0	2.025524390766371	--
Euphorbia hirta	Plant				--
Fagopyrum esculentum	Seed	6650.0	13200.0	-0.8705884610829154	--
Fagopyrum esculentum	Pollen Or Spore				--
Ferula assa-foetida	Seed		53000.0	-0.5434090926367003	--
Ficus carica	Seed	47520.0	59400.0	-0.49079733489660543	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ficus carica	Fruit	660.0	3159.0	-0.45639769015151355	USDA's Ag Handbook 8 and sequelae)
Foeniculum vulgare	Seed Oil				Jim Duke's personal files.
Foeniculum vulgare	Fruit	22000.0	108712.0	0.3571346393773097	--
Foeniculum vulgare	Seed Essent. Oil				Jim Duke's personal files.
Foeniculum vulgare	Seed	22000.0	108712.0	-0.08542374150917421	--
Fragaria spp	Seed		9975.0	-0.8970998546316352	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Fragaria spp	Fruit	510.0	6050.0	-0.434115784713792	USDA's Ag Handbook 8 and sequelae)
Fucus vesiculosus	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Ganoderma lucidum	Tissue Culture				--
Ginkgo biloba	Leaf				Jim Duke's personal files.
Ginkgo biloba	Seed	5120.0	11418.0	-0.8852375473786731	USDA's Ag Handbook 8 and sequelae)
Glycine max	Tissue Culture				--
Glycine max	Sprout Seedling				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycine max	Seed	40230.0	72116.0	-0.38626434873675436	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Glycine max	Plant				--
Gossypium sp	Seed	36640.0	61270.0	-0.47542483693192145	--
Harpagophytum procumbens	Tuber				--
Hedera helix	Seed		70200.0	-0.4020149937101953	--
Helianthus annuus	Seed	36000.0	178000.0	0.48416430072452843	--
Hibiscus sabdariffa	Seed				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hippophae rhamnoides	Seed	37720.0	50300.0	-0.5656046779333028	--
Hippophae rhamnoides	Fruit		12680.0	-0.38301615377221665	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Hippophae rhamnoides	Bark		19155.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Holarrhena pubescens	Seed	39900.0	63000.0	-0.46120322116780205	--
Hordeum vulgare	Leaf				--
Hordeum vulgare	Seed	1325.0	14575.0	-0.8592851537559419	Jim Duke's personal files.*
Houttuynia cordata	Root				--
Houttuynia cordata	Shoot				--
Hydnocarpus kurzii	Seed	43800.0	73000.0	-0.37899734969890375	--
Hydnocarpus wightiana	Seed		41110.0	-0.6411518738132204	--
Hyoscyamus niger	Seed	88000.0	136928.0	0.14652834542746918	--
Ipomoea batatas	Root	110.0	405.0	-0.559814902951939	--
Isatis tinctoria	Seed	34020.0	103680.0	-0.12678973603232382	--
Jatropha curcas	Seed	109440.0	199680.0	0.6623866300690999	--
Juglans cinerea	Seed	103520.0	107097.0	-0.09869998975140129	--
Juglans nigra	Seed	118560.0	123965.0	0.039964874242336336	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Juglans regia	Seed	36000.0	210300.0	0.7496892655690699	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Juniperus communis	Plant				--
Juniperus communis	Fruit				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Justicia adhatoda	Seed		128750.0	0.07930038374020416	--
Lablab purpureus	Seed	950.0	7832.0	-0.91471657288742	--
Lactuca scariola	Seed	95040.0	130170.0	0.09097361748878773	--
Lactuca sativa	Leaf	90.0	1500.0	-0.46116721450364623	--
Lagenaria siceraria	Fruit	40.0	1435.0	-0.4696851356633199	--
Lagenaria siceraria	Seed	81900.0	95625.0	-0.1930065655005214	--
Laurus nobilis	Fruit	66000.0	220000.0	1.2148685350373452	--
Laurus nobilis	Plant				--
Lawsonia inermis	Seed	19410.0	42360.0	-0.6308761398796081	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Lawsonia inermis	Oil	346600.0	347000.0		--
Lens culinaris	Sprout Seedling	1040.0	3465.0	0.18274126285569006	USDA's Ag Handbook 8 and sequelae)
Lens culinaris	Seed	1570.0	1770.0	-0.9645497721718662	USDA's Ag Handbook 8 and sequelae)
Lentinus edodes	Fruit				--
Leonotis nepetaefolia	Seed	180880.0	245480.0	1.038889521396654	--
Lepidium meyenii	Root		3.0	-0.6970238802835188	--
Lepidium sativum	Seed	97450.0	156200.0	0.3049555009223302	--
Lepidium sativum	Leaf	870.0	8210.0	0.500732695138712	--
Ligustrum japonicum	Fruit				--
Ligustrum lucidum	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Linum usitatissimum	Seed	16.0	120000.0	0.007370246204918166	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Linum usitatissimum	Flower				--
Linum usitatissimum	Seed Oil		283000.0	-0.1995525939212177	--
Luffa aegyptiaca	Fruit	370.0	7400.0	-0.4237108824858694	--
Luffa aegyptiaca	Seed	60000.0	135000.0	0.13067905340826558	--
Lupinus albus	Seed	35580.0	39725.0	-0.6525373870116628	--
Lycopersicon esculentum	Fruit	310.0	5124.0	-0.4412527769086485	--
Lycopodium clavatum	Pollen Or Spore	165000.0	300000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Macadamia spp	Seed	391270.0	497550.0	3.111052923513173	--
Maclura pomifera	Fruit				--
Magnolia kobus	Flower				--
Malus domestica	Fruit	140.0	871.0	-0.4740320725940964	--
Mangifera indica	Fruit	540.0	2950.0	-0.45800852316309565	--
Manihot esculenta	Root	1040.0	3300.0	0.42829452335384083	--
Matricaria recutita	Plant				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Medicago sativa	Seed Oil				--
Medicago sativa	Seed				--
Mentha spicata	Leaf	220.0	1520.0	-0.4583001506895111	USDA's Ag Handbook 8 and sequelae)
Mentha x piperita	Leaf	290.0	1360.0	-0.4812366612025926	USDA's Ag Handbook 8 and sequelae)
Mimosa pudica	Seed	7440.0	52700.0	-0.5458752687807673	--
Momordica charantia	Seed	1580.0	77376.0	-0.34302406034411387	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Momordica charantia	Cotyledon		155800.0	-1.4748334919931014	Jim Duke's personal files.
Momordica charantia	Fruit				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Monarda punctata	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Morinda citrifolia	Fruit		0.03	-0.4807449301448029	--
Moringa oleifera	Seed	120000.0	380000.0	2.1447229043962737	--
Morus alba	Seed				--
Mucuna pruriens	Seed	735.0	11400.0	-0.8853855179473171	--
Murraya sp	Plant				--
Musa x paradisiaca	Plant				--
Musa x paradisiaca	Fruit	270.0	1049.0	-0.47266016696700736	USDA's Ag Handbook 8 and sequelae)
Myristica fragrans	Seed	13000.0	176000.0	0.46772312643074876	--
Myristica fragrans	Seed Essent. Oil				--
Myrrhis odorata	Seed		53000.0	-0.5434090926367003	--
Myrtus communis	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Nelumbo nucifera	Seed	620.0	1879.0	-0.9636537281728552	--
Nelumbo nucifera	Rhizome	140.0	670.0	-1.0	--
Nepeta cataria	Seed Oil				--
Nerium oleander	Seed				--
Nicotiana tabacum	Seed	62500.0	122500.0	0.027921714072142736	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Nigella sativa	Seed Oil	244600.0	262400.0	-0.3071795173799937	--
Nigella sativa	Seed	89911.0	184912.0	0.5409849990838309	--
Ocimum sanctum	Seed		13950.0	-0.8644230207227481	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum tenuiflorum	Seed		13950.0	-0.8644230207227481	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ocimum basilicum	Seed	26620.0	36300.0	-0.6806928979897604	--
Oenothera biennis	Seed	15000.0	50000.0	-0.5680708540773698	--
Oenothera biennis	Seed Oil	22000.0	119000.0	-1.0563882952435122	--
Oenothera biennis	Seed Essent. Oil		120000.0	-0.7071067811865472	--
Olea europaea	Fruit	122400.0	326400.0	2.0349289772973167	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Opuntia ficus-indica	Seed Oil		88000.0	-1.2183511412251653	--
Opuntia ficus-indica	Seed	4750.0	16015.0	-0.8474475082644206	--
Opuntia ficus-indica	Flower				--
Origanum majorana	Seed		8000.0	-0.9133355142467426	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Origanum vulgare	Plant	5100.0	5493.0	0.19350807817259624	USDA's Ag Handbook 8 and sequelae)
Oryza sativa	Seed	4500.0	8100.0	-0.9125134555320537	--
Pachira aquatica	Seed	43500.0	249400.0	1.0711142230124622	--
Pachyrhizus erosus	Seed				--
Panax ginseng	Root				--
Panax quinquefolius	Root				--
Panax quinquefolius	Plant				--
Papaver somniferum	Latex Exudate				--
Papaver bracteatum	Seed	38700.0	44160.0	-0.6160790830152064	--
Papaver somniferum	Seed Oil				--
Papaver somniferum	Seed	56230.0	71872.0	-0.3882701720005955	--
Passiflora incarnata	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Passiflora edulis	Seed		43700.0	-0.6198605531027758	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Pastinaca sativa	Seed	1020.0	158000.0	0.3197525577867319	--
Perilla frutescens	Seed				Endo, S., Ishizaki, T., Kimata, M. 1993. Fatty Acid and Sterol Compositions in the Seeds of Perilla frutescens and Linum Usitatissimum. Takyo Gakugei Daigaku Kiyo Dai-4-Bumon, 45: 27-32.
Persea americana	Fruit	27450.0	691200.0	4.846564779331505	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Petasites hybridus	Root				--
Petroselinum crispum	Seed		53000.0	-0.5434090926367003	--
Petroselinum crispum	Fruit				--
Phaseolus vulgaris	Seed	1230.0	1382.0	-0.9677393599848595	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Fruit	40.0	411.0	-0.47757744668657376	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Sprout Seedling	390.0	4194.0	1.1231063025389685	USDA's Ag Handbook 8 and sequelae)
Phaseolus lunatus	Seed	500.0	1680.0	-0.9652896250150863	--
Phoenix dactylifera	Seed	27000.0	51000.0	-0.55985026693048	--
Phyllanthus emblica	Seed Oil				--
Phyllanthus emblica	Seed		45440.0	-0.6055567314671875	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Physalis peruviana	Seed		26710.0	-0.7595283287284339	--
Physostigma venenosum	Seed				--
Pimpinella anisum	Seed	44800.0	217000.0	0.8047671994532317	--
Pinellia ternata	Tuber				--
Pinus gerardiana	Seed	168000.0	283750.0	1.3534913915081277	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pinus pinea	Seed	179000.0	191835.0	0.5978961239017492	USDA's Ag Handbook 8 and sequelae)
Pinus edulis	Seed	215280.0	228780.0	0.901605716043594	USDA's Ag Handbook 8 and sequelae)
Pinus walliciana	Seed		26850.0	-0.7583774465278693	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Piper nigrum	Fruit	13700.0	15309.0	-0.3627535701002104	USDA's Ag Handbook 8 and sequelae)
Pistacia vera	Seed	319760.0	389760.0	2.2249558349499186	--
Pisum sativum	Seed	350.0	1656.0	-0.9654869191066117	--
Pisum sativum	Fruit	210.0	2077.0	-0.46473702660381894	--
Plantago asiatica	Seed				--
Plantago psyllium	Seed	1865.0	3528.0	-0.9500979799676339	--
Plantago ovata	Seed	8000.0	19470.0	-0.8190453796719163	--
Plantago ovata	Seed Oil		254000.0	-0.35106622403308685	--
Plantago major	Seed	37000.0	74000.0	-0.3707767625520139	--
Plantago ovata	Seed Coat				--
Portulaca oleracea	Seed		49935.0	-0.5686051922419176	--
Portulaca oleracea	Herb	16.0	2160.0		--
Prosopis glandulosa	Plant				--
Prunus persica	Seed				--
Prunus dulcis	Seed	231000.0	478170.0	2.9517379446064482	--
Prunus cerasus	Seed	148200.0	197600.0	0.6452878088035691	--
Prunus armeniaca	Fruit	170.0	1245.0	-0.4711495293102127	USDA's Ag Handbook 8 and sequelae)
Prunus persica	Fruit	340.0	2755.0	-0.4595114534849067	--
Prunus domestica	Seed	254280.0	306600.0	1.5413318078145604	--
Prunus cerasus	Fruit	810.0	5832.0	-0.4357959837402269	--
Prunus laurocerasus	Seed	18350.0	22020.0	-0.7980828824473472	--
Prunus domestica	Fruit	4000.0	27027.0	-0.27243901876184246	USDA's Ag Handbook 8 and sequelae)



Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus armeniaca	Seed	248000.0	411200.0	2.4012052233792365	--
Psidium guajava	Seed		27900.0	-0.749745830023635	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Psidium guajava	Fruit	520.0	3744.0	-0.45188889918608044	USDA's Ag Handbook 8 and sequelae)
Psidium cattleianum	Fruit	520.0	2690.0	-0.4600124302588437	--
Psophocarpus tetragonolobus	Tuber	2320.0	5446.0	1.0	--
Psophocarpus tetragonolobus	Seed	2480.0	61684.0	-0.47202151385310903	--
Psophocarpus tetragonolobus	Leaf	2840.0	12268.0	1.0824599430267432	--
Punica granatum	Seed				--
Pyrus communis	Fruit	810.0	5003.0	-0.4421853644416697	--
Quisqualis indica	Fruit				--
Quisqualis indica	Seed	110860.0	130140.0	0.09072699987438103	--
Raphanus sativus	Root	160.0	3100.0	0.3600313505520598	--
Rheum officinale	Root				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Rhus toxicodendron	Seed				--
Ribes nigrum	Seed Oil				--
Ribes rubrum	Fruit	280.0	1744.0	-0.4673035691533732	--
Ribes nigrum	Fruit	560.0	3102.0	-0.45683700824558143	USDA's Ag Handbook 8 and sequelae)
Ribes nigrum	Seed Essent. Oil		120000.0	-0.7071067811865472	--
Ribes uva-crispa	Fruit	510.0	4204.0	-0.44834352509360315	--
Ricinus communis	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Robinia pseudoacacia	Seed	7500.0	33250.0	-0.7057656887877745	--
Rosa canina	Seed Oil				--
Rosa rubiginosa	Seed Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus officinalis	Leaf	10240.0	31770.0	3.8781338681899733	USDA's Ag Handbook 8 and sequelae)
Rubus idaeus	Fruit	490.0	3665.0	-0.4524977786497885	Revised USDA data received 1993.
Ruta graveolens	Seed Oil				--
Salvia officinalis	Seed		35500.0	-0.6872693677072723	--
Salvia sp.	Seed	15600.0	76680.0	-0.3487455889983492	--
Salvia officinalis	Fruit Essent. Oil				--
Salvia sclarea	Seed		69006.0	-0.41183037476358175	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Sambucus nigra	Leaf				--
Sambucus canadensis	Seed	8040.0	12800.0	-0.8738766959416714	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Sambucus nigra	Flower				--
Santalum acuminatum	Seed				--
Santalum album	Fruit				--
Sassafras albidum	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Satureja hortensis	Seed		50400.0	-0.5647826192186138	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Saussurea lappa	Root Essent. Oil				--
Schoenocaulon officinale	Seed				--
Sclerocarya caffra	Seed	291500.0	420000.0	2.473546390271867	--
Scutellaria baicalensis	Root Essent. Oil				--
Secale cereale	Seed	2800.0	3145.0	-0.9532464648448927	USDA's Ag Handbook 8 and sequelae)
Senna occidentalis	Seed	7675.0	7982.0	-0.9134834848153867	--
Senna obtusifolia	Seed		13885.0	-0.864957358887296	--
Serenoa repens	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Serenoa repens</i>	Fruit	11400.0	332000.0	2.0780900532057363	--
<i>Sesamum indicum</i>	Seed Oil		500000.0	0.9341873279503548	--
<i>Sesamum indicum</i>	Seed	114800.0	284544.0	1.3600185377027583	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Silybum marianum</i>	Seed				--
<i>Silybum marianum</i>	Seed Oil	180000.0	250000.0	-0.371964655772655	--
<i>Simarouba glauca</i>	Seed	355700.0	388400.0	2.2137758364301483	--
<i>Sinapis alba</i>	Seed	56920.0	65356.0	-0.44183551784972963	--
<i>Skimmia arborescens</i>	Seed		90000.0	-0.23924736820177667	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Smilax china</i>	Plant				--
<i>Solanum nigrum</i>	Seed		106855.0	-0.10068937184094863	--
<i>Solanum melongena</i>	Fruit	80.0	991.0	-0.47310719239605886	--
<i>Solanum tuberosum</i>	Tuber	10.0	48.0	-1.0	--
<i>Sophora japonica</i>	Seed	15385.0	26980.0	-0.7573087701987736	--
<i>Spartium junceum</i>	Seed				--
<i>Spinacia oleracea</i>	Leaf				--
<i>Spinacia oleracea</i>	Plant	18.0	475.0	-0.8580334988525617	--
<i>Stellaria media</i>	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Sterculia urens</i>	Seed	133180.0	173134.0	0.44416292366776255	--
<i>Strophanthus gratus</i>	Seed		90000.0	-0.23924736820177667	--
<i>Strychnos nux-vomica</i>	Seed	2480.0	31000.0	-0.7242620098682765	--
<i>Swertia chirata</i>	Plant				--
<i>Tagetes minuta</i>	Seed Oil		16.0	-1.6780330457687065	--
<i>Tamarindus indica</i>	Seed	16320.0	20128.0	-0.8136362333292627	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tamarindus indica	Fruit	1810.0	2638.0	-0.4604132116779933	USDA's Ag Handbook 8 and sequelae)
Tamarindus indica	Seed Oil				--
Taraxacum officinale	Root				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.
Taraxacum officinale	Pollen Or Spore				--
Terminalia chebula	Seed Oil				Miglani, B. D., Chawla, A. S. 1974. Chemical Investigation of the Oil of Terminalia chebula. J. Inst. Chem. (Calcutta) 46: 189-.
Terminalia chebula	Seed	200100.0	213000.0	0.7718848508656724	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Terminalia bellirica	Seed	108025.0	301470.0	1.4991601957510154	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Terminalia catappa	Seed	126250.0	245000.0	1.0349436395661469	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia pallida	Seed Oil		541000.0	1.1483962532809284	Gunasekar, D., Sreeramulu, K., Rao, K. V. 1992. Fatty Acid Composition of the Seed Oil of Terminalia pallida. Asian J. Chem. 4 2: 400-401.
Tetragonia tetragonioides	Leaf	30.0	500.0	-0.604520405210406	--
Teucrium polium	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Theobroma bicolor	Seed	134800.0	142385.0	0.1913880894880472	--
Theobroma cacao	Seed	122430.0	227100.0	0.8877951296368191	--
Theobroma angustifolium	Seed	86825.0	228580.0	0.899961598614216	--
Thespesia populnea	Seed		65000.0	-0.4447620468740224	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thevetia peruviana	Seed	321500.0	430810.0	2.562410937329746	--
Thevetia neriifolia	Seed	321500.0	385800.0	2.1924023098482346	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Thuja occidentalis	Branches				--
Thymus vulgaris	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thymus vulgaris	Plant	4700.0	5076.0	0.1061240929953362	USDA's Ag Handbook 8 and sequelae)
Tilia sp.	Wood				--
Tribulus terrestris	Fruit	9450.0	13500.0	-0.37669613908562666	--
Trichosanthes kirilowii	Seed				--
Trichosanthes anguina	Seed	83450.0	107535.0	-0.09509937258106355	--
Trifolium pratense	Pollen Or Spore				--
Trigonella foenum-graecum	Seed				--
Trigonella foenum-graecum	Seed Oil	186000.0	319800.0	-0.007287021917190672	--
Triticum aestivum	Plant				--
Urtica dioica	Seed	17825.0	23115.0	-0.7890813395215028	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Valeriana officinalis	Plant		3000.0	-0.3289098475993685	--
Valeriana jatamansi	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Vanilla planifolia	Fruit		13.0	-0.480644966010065	--
Verbascum thapsus	Seed	292000.0	300000.0	1.4870759326450875	--
Vernonia cinerea	Seed	1520.0	15200.0	-0.8541472867891359	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Viburnum opulus	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Viburnum prunifolium	Bark				--
Viburnum opulus	Root Bark				--
Viburnum opulus	Fruit				--
Vicia faba	Seed	170.0	895.0	-0.9717427859253949	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Seed	430.0	1295.0	-0.9684545510666389	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Fruit	210.0	1728.0	-0.4674268865131115	USDA's Ag Handbook 8 and sequelae)
Vigna mungo	Seed	1872.0	5200.0	-0.9363531582580341	--
Vigna unguiculata	Shoot	130.0	1272.0	0.7071067811865476	--
Vigna radiata	Sprout Seedling	220.0	2311.0	-1.305847565394658	USDA's Ag Handbook 8 and sequelae)
Vigna aconitifolia	Seed	1290.0	1428.0	-0.9673612129761026	--
Vigna unguiculata	Shoot	130.0	1272.0	0.7071067811865476	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Seed	1140.0	1245.0	-0.9688655804239834	USDA's Ag Handbook 8 and sequelae)
Vigna radiata	Seed	832.0	1770.0	-0.9645497721718662	USDA's Ag Handbook 8 and sequelae)
Virola surinamensis	Seed	46200.0	52360.0	-0.5486702684107098	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vitellaria paradoxa	Seed Oil		408000.0	0.4535233979402872	Adomako, D. 1977. Fatty Acid Composition and Characteristics of Pentadesma Butyracea Fat Extracted From Ghana Seeds. J. Sci. Food Agr. 28: 384-386.
Vitellaria paradoxa	Seed	239855.0	257740.0	1.1396739198175234	--
Vitis vinifera	Seed Oil				--
Vitis vinifera	Seed	22200.0	74000.0	-0.3707767625520139	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vitis vinifera	Plant	230.0	1183.0	-0.7096693225803793	--
Zea mays	Seed	3470.0	14435.0	-0.8604360359565065	USDA's Ag Handbook 8 and sequelae)
Zingiber officinale	Rhizome	1190.0	11000.0	1.0	--
Zingiber officinale	Root	1190.0	11000.0	3.056426676222409	USDA's Ag Handbook 8 and sequelae)