

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Psidium guajava

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
7	(+)-GALLOCATECHIN	Bark		571.4		--
7	(+)-GALLOCATECHIN	Leaf				--
0	(+)-LIMONENE	Essential Oil				--
0	2-3-4-6-TETRA-O-GALLOYL-GLUCOSE	Root				--
0	2-ETHYL-THIOPHENE	Fruit				--
0	2-FURFURAL	Fruit		7000.0		--
0	2-METHYL-PROPAN-2-OL	Fruit		10000.0		--
0	2-METHYL-PROPANE-1-THIOL	Fruit				--
0	2-METHYL-THIO-BENZOTHAZOLE	Fruit				--
0	2-METHYL-THIOPHENE	Fruit				--
0	2-PHENETHYLACETATE	Fruit		2000.0		--
0	2ALPHA-HYDROXYURSOLIC-ACID	Plant				--
0	3,3'-DI-O-METHYL-ELLAGIC-ACID	Bark				Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. Phytochemistry 7 10: 1803-1813
0	3-METHYL-BUTAN-1-OL	Fruit		3000.0		--
0	3-METHYL-BUTYL-ACETATE	Fruit		1000.0		--
0	3-METHYL-THIOPHENE	Fruit				--
0	3-O-METHYL-ELLAGIC-ACID	Bark				Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. Phytochemistry 7 10: 1803-1813
0	5-ETHOXY-THIAZOLE	Fruit				--
0	6-MERCAPTO-HEXAN-1-OL	Fruit				--
6	ACETALDEHYDE	Fruit		2000.0	1.4142135145621455	--
3	ACETONE	Fruit		8000.0		--
0	ACETYLFURAN	Fruit				--
0	ACUTISSIMIN-A	Bark		857.1		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ACUTISSIMIN-B	Bark		3.7		--
3	ALANINE	Fruit	410.0	2952.0	-0.2969327433136292	USDA's Ag Handbook 8 and sequelae)
10	ALPHA-AMYRIN	Fruit				--
2	ALPHA-AMYRIN-ACETATE	Fruit				--
2	ALPHA-HUMULENE	Fruit		6000.0	2.4133120522501676	--
2	ALPHA-HUMULENE	Pericarp Essent. Oil				--
15	ALPHA-LINOLENIC-ACID	Fruit	710.0	5112.0	1.1625597056374841	USDA's Ag Handbook 8 and sequelae)
28	ALPHA-PINENE	Essential Oil				--
28	ALPHA-PINENE	Leaf Essent. Oil		378000.0	1.3263284967282387	--
28	ALPHA-PINENE	Pericarp Essent. Oil				--
3	ALPHA-SELINENE	Fruit		1000.0	1.651757611337723	--
23	ALPHA-TERPINEOL	Pericarp Essent. Oil				--
0	ALPHA-TERPINEOL ACETATE	Leaf Essent. Oil				--
0	AMRITOSIDE	Heart Wood				--
0	AMRITOSIDE	Stem Bark		40.0		--
0	AMRITOSIDE	Leaf		850.0		--
0	ARABAN	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ARABINOSE	Fruit				--
0	ARABINOSE-HEXAHYDROXYDIPHENYL-ACID-ESTER	Fruit		1000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
14	ARGININE	Fruit	210.0	1512.0	-0.7462678844834085	USDA's Ag Handbook 8 and sequelae)
5	ARJUNOLIC-ACID	Root		100.0		--
5	ARJUNOLIC-ACID	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	AROMADENDRENE	Leaf				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
3	AROMADENDRENE	Pericarp Essent. Oil				--
112	ASCORBIC-ACID	Fruit	24.0	18315.0	0.8542826163648568	--
112	ASCORBIC-ACID	Seed		8.0	-0.3336538544186072	--
0	ASCORBIGEN	Fruit	253.0	2145.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ASH	Seed		30000.0	-0.537791441673595	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ASH	Fruit	4300.0	43200.0	-0.34864874814618674	--
1	ASIATIC-ACID	Fruit				--
3	ASPARTIC-ACID	Fruit	520.0	3744.0	-0.8427200701244641	USDA's Ag Handbook 8 and sequelae)
7	AVICULARIN	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
24	BENZALDEHYDE	Fruit		1000.0	1.6531405018822756	--
3	BENZENE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	BENZOTHIAZOLE	Fruit				--
9	BETA-AMYRIN	Fruit				--
4	BETA-AMYRIN-ACETATE	Fruit				--
6	BETA-BISABOLENE	Pericarp Essent. Oil				--
6	BETA-BISABOLENE	Fruit		2000.0	0.7543575400495849	--
53	BETA-CAROTENE	Fruit	0.75	46.0	-0.06188345792298089	--
0	BETA-CARYOPHYLLENE	Fruit				--
0	BETA-COPAENE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	BETA-FARNESENE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
0	BETA-HUMULENE	Fruit				--
13	BETA-IONONE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
13	BETA-PINENE	Pericarp Essent. Oil				--
13	BETA-PINENE	Leaf Essent. Oil				--
13	BETA-PINENE	Fruit				--
3	BETA-SELINENE	Fruit				--
47	BETA-SITOSTEROL	Root				--
47	BETA-SITOSTEROL	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
47	BETA-SITOSTEROL	Leaf Essent. Oil				--
47	BETA-SITOSTEROL	Fruit				--
47	BETA-SITOSTEROL	Heart Wood				--
0	BRAHMIC-ACID	Fruit				--
0	BUTANAL	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	BUTANEDIONE	Fruit		20000.0		--
0	BUTANOIC-ACID-ETHYL-ESTER	Fruit		87000.0		--
0	BUTANONE	Fruit		22000.0		--
0	BUTYL-ACETATE	Fruit		1000.0		--
2	BUTYRALDEHYDE	Fruit				--
0	CALAMENENE	Pericarp Essent. Oil				--
28	CALCIUM	Fruit	90.0	1582.0	-0.5248151803297106	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	CALCIUM-OXALATE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	CALCIUM-OXALATE	Fruit				--
9	CAMPHENE	Pericarp Essent. Oil				--
0	CARBOHYDRATES	Fruit	95000.0	901000.0	0.6316393705959982	--
31	CARYOPHYLLENE	Pericarp Essent. Oil				--
31	CARYOPHYLLENE	Essential Oil				--
8	CARYOPHYLLENE-OXIDE	Leaf				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
8	CARYOPHYLLENE-OXIDE	Pericarp Essent. Oil				--
8	CARYOPHYLLENE-OXIDE	Essential Oil				--
5	CASUARICTIN	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
4	CASUARININ	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	CATECHOL-TANNINS	Leaf	40000.0	75000.0	-1.4142135623730954	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
7	CHLORINE	Fruit		40.0	-0.6742497668083636	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
3	CINNAMYL-ACETATE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CIS-BETA-OCIMENE	Pericarp Essent. Oil				--
53	CITRAL	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
23	CITRIC-ACID	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
12	COPPER	Fruit	1.0	9.0	-0.2972270275515491	USDA's Ag Handbook 8 and sequelae)
0	CRATAEGOLIC-ACID	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	D-GALACTOSE	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	D-GALACTURONIC-ACID	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	DECANOIC-ACID-ETHYL-ESTER	Fruit		1000.0		--
9	DELTA-CADINENE	Pericarp Essent. Oil				--
9	DELTA-CADINENE	Fruit				--
0	DELTA-ELEMENE	Essential Oil				--
0	DIISOPROPYL-DISULFIDE	Fruit				--
2	DIMETHYL-DISULFIDE	Fruit				--
0	DIMETHYL-SULFONE	Fruit				--
0	DIMETHYL-TRISULFIDE	Fruit				--
0	DODECANOIC-ACID-ETHYL-ESTER	Fruit				--
51	ELLAGIC-ACID	Bark		8000.0	1.0	--
51	ELLAGIC-ACID	Pericarp		1300.0		--
51	ELLAGIC-ACID	Leaf		150.0	-0.714675024907582	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
51	ELLAGIC-ACID	Stem Bark		40.0		--
51	ELLAGIC-ACID	Flower				--
51	ELLAGIC-ACID	Fruit		520.0	-0.5444069460751044	--
0	EO	Leaf	2600.0	3600.0	-0.6979637980013755	--
24	ETHANOL	Fruit		258000.0	1.0	--
6	ETHYL-ACETATE	Fruit		262000.0	1.4142134513356113	--
1	ETHYL-BUTYRATE	Fruit				--
0	EUGENIGRANDIN-A	Bark		800.0		--
76	EUGENOL	Essential Oil				--
2	FARNESENE	Fruit				--
0	FAT	Leaf		60000.0	0.0704987755410108	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Seed	100000.0	143000.0	-0.644659221008135	--
0	FAT	Fruit	1000.0	43200.0	-0.3112939646739728	--
15	FIBER	Seed		424000.0	2.283739812601095	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
15	FIBER	Fruit	28000.0	403200.0	2.467862580466727	--
0	FOENICULIN	Leaf				--
8	FRUCTOSE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
62	GALLIC-ACID	Fruit				--
62	GALLIC-ACID	Root				--
62	GALLIC-ACID	Heart Wood				--
1	GALLIC-ACID-ETHYL-ESTER	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GALLOYL-TANNIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GAMMA-MUUROLENE	Pericarp Essent. Oil				--
8	GENTISIC-ACID	Leaf				Griffiths, L. A. 1959. On the Distribution of Gentisic Acid in Green Plants. J. Exp. Biol. 10: 437.
7	GLUCOSE	Seed		1000.0	-0.5596559775355342	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
7	GLUCOSE	Fruit				--
4	GLUCURONIC-ACID	Fruit				--
8	GLUTAMIC-ACID	Fruit	1070.0	7704.0	-0.43063855529151074	USDA's Ag Handbook 8 and sequelae)
12	GLYCINE	Fruit	410.0	2952.0	-0.25244403878508226	USDA's Ag Handbook 8 and sequelae)
0	GRANDININ	Bark		371.4		--
0	GUAFINE	Bark		20000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GUAJAVARIN	Leaf				--
3	GUAJAVERIN	Leaf		350.0		--
3	GUAJAVERIN	Fruit				--
3	GUAJAVERIN	Flower				--
0	GUAJAVIN	Bark		24.5		--
0	GUAJAVIN-B	Bark		211.4		--
0	GUAJIVERINE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GUAJIVOLIC-ACID	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GUAVIN-A	Leaf				--
0	GUAVIN-B	Leaf				--
0	GUAVIN-C	Leaf				--
0	GUAVIN-D	Leaf				--
0	HEPTAN-1-AL	Fruit				--
0	HEX-3-EN-1-OL-ACETATE	Pericarp Essent. Oil				--
0	HEX-CIS-3-EN-1-OL	Fruit		10000.0		--
0	HEX-CIS-3-EN-1-OL-ACETATE	Fruit		5000.0		--
0	HEX-CIS-3-ENOIC-ACID	Fruit		0.2		--
0	HEXADECANOIC-ACID-ETHYL-ESTER	Fruit				--
0	HEXAGALLOYL-GLUCOSE	Root				--
0	HEXAN-1-AL	Fruit		32000.0		--
0	HEXAN-1-OL-ACETATE	Pericarp Essent. Oil				--
0	HEXANOIC-ACID-ETHYL-ESTER	Fruit		155000.0		--
0	HEXANOIC-ACID-METHYL-ESTER	Fruit		3000.0	1.0	--
1	HEXYL-ACETATE	Fruit		3000.0		--
7	HISTIDINE	Fruit	70.0	504.0	-0.8473803796085632	USDA's Ag Handbook 8 and sequelae)
30	HYPEROSIDE	Leaf				--
6	IRON	Fruit	3.0	73.0	-0.237916857716136	--
3	ISOLEUCINE	Fruit	300.0	2160.0	-0.4438513305054651	USDA's Ag Handbook 8 and sequelae)
3	ISOQUERCETIN	Leaf				--
0	ISOSTRICTININ	Leaf		30.0		--
0	KILOCALORIES	Fruit	360.0	3670.0	0.014349880070095867	--
0	L-MALIC-ACID	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	LACTIC-ACID	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	LEUCINE	Fruit	550.0	3960.0	-0.24259503815064226	USDA's Ag Handbook 8 and sequelae)
1	LEUCOANTHOCYANIN	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	LEUCOCYANIDIN	Flower				--
1	LEUCOCYANIDIN	Heart Wood				--
1	LEUCOCYANIDIN	Stem				--
1	LEUCOCYANIDIN	Root				--
1	LEUCOCYANIDIN	Fruit	200.0	625.0		--
1	LEUCOCYANIDIN	Leaf		1500.0		--
1	LEUCOCYANIDIN	Stem Bark		4000.0		--
0	LEUCOCYANIDINS	Leaf		4000.0		--
0	LEUCOCYANIDINS	Fruit		1000.0		--
0	LEUCOCYANIN	Root				--
60	LIMONENE	Leaf Essent. Oil				--
60	LIMONENE	Pericarp Essent. Oil				--
60	LIMONENE	Fruit		1000.0	-0.6067869705481619	--
53	LINALOOL	Essential Oil				--
27	LINOLEIC-ACID	Seed		13900.0	-0.7987370356676327	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
27	LINOLEIC-ACID	Fruit	1820.0	13104.0	-0.17052230864241047	USDA's Ag Handbook 8 and sequelae)
0	LINOLENIC-ACID	Seed		200.0	-0.576370649589772	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
21	LUPEOL	Fruit				--
0	LUTEIC-ACID	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	LYSINE	Fruit	230.0	1656.0	-0.6367279039120489	USDA's Ag Handbook 8 and sequelae)
65	MAGNESIUM	Fruit	98.0	735.0	-0.6458441917957137	USDA's Ag Handbook 8 and sequelae)
2	MALTOSE	Fruit				--
14	MANGANESE	Fruit	1.0	12.0	-0.3244110553520445	USDA's Ag Handbook 8 and sequelae)
3	MANNOSE	Leaf Essent. Oil				--
6	MASLINIC-ACID	Leaf				--
6	MASLINIC-ACID	Leaf Essent. Oil				--
6	MASLINIC-ACID	Fruit				--
0	MECOCYANIN	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
63	MENTHOL	Leaf Essent. Oil				--
2	METHANOL	Fruit				--
15	METHIONINE	Plant	50.0	360.0	-0.8361372178283119	--
5	METHYL-CINNAMATE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	METHYL-ETHYL-KETONE	Fruit				--
0	METHYL-ISOPROPYLKETONE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	MONGOLICAIN-A	Bark		40.2		--
13	MUFA	Fruit	550.0	3955.0	-0.1964277319707784	USDA's Ag Handbook 8 and sequelae)
22	MYRCENE	Fruit		27000.0	3.8318533522856955	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
22	MYRCENE	Pericarp Essent. Oil				--
22	MYRCENE	Essential Oil				--
34	MYRICETIN	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	MYRISTIC-ACID	Fruit	120.0	864.0	-0.22838381350561257	USDA's Ag Handbook 8 and sequelae)
0	N-OCTANE	Fruit		14000.0		--
1	NEROLIDIOL	Leaf				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
39	NIACIN	Fruit	0.3	86.0	0.33824231648809666	--
0	NONAN-1-AL	Fruit				--
0	OCTAN-1-AL	Fruit				--
0	OCTAN-1-OL	Fruit		1000.0		--
0	OCTANOIC-ACID-ETHYL-ESTER	Fruit		19000.0		--
0	OCTYL-ACETATE	Fruit		8000.0	1.4142132635397866	--
64	OLEANOLIC-ACID	Leaf				--
64	OLEANOLIC-ACID	Fruit				--
64	OLEANOLIC-ACID	Heart Wood				--
64	OLEANOLIC-ACID	Flower				--
18	OLEIC-ACID	Fruit	520.0	3744.0	-0.45188889918608044	USDA's Ag Handbook 8 and sequelae)
18	OLEIC-ACID	Seed		27900.0	-0.749745830023635	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
9	OXALIC-ACID	Fruit		140.0	-0.2986291034837599	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	P-METHYL-STYRENE	Fruit		3000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	PALMITIC-ACID	Fruit	1440.0	10368.0	-0.2041277768932623	USDA's Ag Handbook 8 and sequelae)
2	PALMITOLEIC-ACID	Fruit	30.0	216.0	-0.30595252144848234	USDA's Ag Handbook 8 and sequelae)
11	PANTOTHENIC-ACID	Fruit	2.0	11.0	-0.4531667614192529	USDA's Ag Handbook 8 and sequelae)
24	PECTIN	Fruit	3000.0	16000.0	-0.44028589892146136	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
9	PEDUNCULAGIN	Bark		27.1		--
9	PEDUNCULAGIN	Leaf		600.0		--
0	PENTANE-2-THIOL	Fruit	0.01	0.02		--
7	PHENYLALANINE	Fruit	20.0	144.0	-1.1034686403835043	USDA's Ag Handbook 8 and sequelae)
4	PHOSPHORUS	Fruit	60.0	1740.0	-0.4483183033903204	--
0	PHYTIN-PHOSPHORUS	Fruit	127.0	1029.0	-0.2479866740941296	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
14	POTASSIUM	Fruit	2672.0	21658.0	0.33102343644470206	USDA's Ag Handbook 8 and sequelae)
1	PROCYANIDIN-B-1	Bark		4.5		--
1	PROCYANIDIN-B-1	Leaf				--
1	PROCYANIDIN-B-2	Leaf				--
2	PROCYANIDIN-B-3	Leaf				--
0	PRODELPHINIDIN-B-1	Bark		2.0		--
0	PROLINE	Fruit	250.0	1800.0	-0.6059886691992721	USDA's Ag Handbook 8 and sequelae)
0	PROTEIN	Seed	150000.0	152000.0	-0.7276183810141584	--
0	PROTEIN	Fruit	8200.0	62000.0	-0.6367385830371064	--
0	PROTO-BASSIC-ACID	Fruit				--
0	PSIDININ-A	Bark		160.0		--
0	PSIDININ-B	Bark		24.5		--
0	PSIDININ-C	Bark		23.4		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PSIDIOLIC-ACID	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PSIGUAVIN	Bark		38.2		--
4	PUFA	Fruit	2530.0	18200.0	0.4633719700609434	USDA's Ag Handbook 8 and sequelae)
0	PYROGALLOL-TANNINS	Leaf	40000.0	78000.0		--
0	PYROGALLOL-TANNINS	Bark		135000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
176	QUERCETIN	Fruit				--
176	QUERCETIN	Heart Wood				--
176	QUERCETIN	Flower				--
176	QUERCETIN	Root				--
176	QUERCETIN	Leaf		200.0	-0.3487953933068862	--
0	QUERCETIN-3-O-GENTIOBIOSIDE	Leaf				--
44	QUERCITRIN	Leaf				--
0	RHAMNOSE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
15	RIBOFLAVIN	Fruit	0.4	4.0	-0.21615825716438572	--
7	SALICYLATES	Fruit	20.0	100.0	-0.04999562500039605	--
0	SEL-11-EN-4ALPHA-OL	Leaf				--
0	SELIN-11-EN-4-ALPHA-OL	Leaf				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
1	SERINE	Fruit	240.0	1728.0	-0.6760940930626668	USDA's Ag Handbook 8 and sequelae)
0	SESQUIGUAVENE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	SFA	Fruit	1720.0	12375.0	-0.10752843023322521	USDA's Ag Handbook 8 and sequelae)
1	SODIUM	Fruit	26.0	246.0	-0.16062288273410188	USDA's Ag Handbook 8 and sequelae)
0	STACHYURIN	Leaf		15.0		--
5	STARCH	Seed	130000.0	132000.0	-0.7214471972315784	--
8	STEARIC-ACID	Fruit	160.0	1152.0	-0.2028230875205107	USDA's Ag Handbook 8 and sequelae)
1	STRICTININ	Leaf		62.5	-1.2675004445952593	--
14	SUCROSE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
14	SUCROSE	Leaf Essent. Oil				--
0	SUGAR	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
14	SULFUR	Fruit		140.0	-0.8870788880794861	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
35	TANNIN	Leaf	90000.0	100000.0	-0.12855505340498594	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
35	TANNIN	Bark	110000.0	300000.0	1.3901411079171442	--
35	TANNIN	Root				--
0	TANNINS	Seed		14000.0	-0.8019188267523961	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
7	TELLIMAGRANIN-I	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
7	TELLIMAGRANIN-I	Leaf		237.5		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TETRADECANOIC-ACID-ETHYL-ESTER	Fruit		2000.0		--
31	THIAMIN	Fruit	0.4	4.0	-0.17059389090821606	--
4	THREONINE	Fruit	310.0	2232.0	-0.32660840539258834	USDA's Ag Handbook 8 and sequelae)
1	TOLUENE	Fruit		2000.0	1.4142135623252323	--
29	TRYPTOPHAN	Fruit	70.0	504.0	-0.48621971913192324	USDA's Ag Handbook 8 and sequelae)
8	TYROSINE	Fruit	100.0	720.0	-0.7039075118142408	USDA's Ag Handbook 8 and sequelae)
89	URSOLIC-ACID	Fruit				--
89	URSOLIC-ACID	Leaf				--
0	VALERALDEHYDE	Fruit				--
3	VALINE	Fruit	280.0	2016.0	-0.5028203870770672	USDA's Ag Handbook 8 and sequelae)
0	VALOLAGINIC-ACID	Bark		114.2		--
1	VESCALAGIN-CARBOXYLIC-ACID	Bark		20.5		--
0	VIT-B-6	Fruit	1.0	10.0	0.30163780025644493	USDA's Ag Handbook 8 and sequelae)
0	WATER	Seed		103000.0	-0.4781694174621389	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	WATER	Fruit	770000.0	868000.0	0.42360981670790343	USDA's Ag Handbook 8 and sequelae)
0	WAX	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
3	XANTHOPHYLL	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
3	XYLOSE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	ZEATIN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	ZEATIN-NUCLEOTIDE	Fruit				--
0	ZEATIN-RIBOSIDE	Fruit				--
77	ZINC	Fruit	2.0	20.0	-0.30993109880344666	USDA's Ag Handbook 8 and sequelae)