

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Eriobotrya japonica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
77	ZINC	Leaf		28.0	-0.35493160662883855	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
89	URSOLIC-ACID	Leaf	13.7	955.6	-0.39428056659544786	--
1	TORMENTIC-ACID	Leaf				Jim Duke's personal files.
31	THIAMIN	Fruit	0.2	1.8	-0.4522055324810564	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
35	TANNIN	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
14	SUCROSE	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
7	SUCCINIC-ACID	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	SODIUM	Leaf		63.0	-0.636095668285742	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
1	SODIUM	Fruit	40.0	351.0	-0.1506658506572727	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
7	SALICYLATES	Fruit	2.0	20.0	-0.27939275728713464	--
87	RUTIN	Leaf		10500.0	-0.35268150298219647	Jim Duke's personal files.
15	RIBOFLAVIN	Fruit	0.4	4.2	-0.17332492840658087	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
176	QUERCETIN	Plant				--
14	POTASSIUM	Leaf		15500.0	-0.6554812506655916	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
14	POTASSIUM	Fruit	2600.0	27632.0	0.8595648729318401	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	PHYTOSTEROLS	Fruit	20.0	150.0	-1.0246670818297896	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
4	PHOSPHORUS	Fruit	140.0	2667.0	-0.16675151955051457	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
13	PALMITIC-ACID	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
18	OLEIC-ACID	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
64	OLEANOLIC-ACID	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
39	NIACIN	Fruit	2.0	25.0	-0.4772218216222814	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	MERCURY	Leaf		0.02	-0.6073252476761057	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
6	MASLINIC-ACID	Leaf	12.0	90.0	-0.5100739140245585	--
14	MANGANESE	Leaf		224.0	-0.08749518887396016	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
15	MALIC-ACID	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
65	MAGNESIUM	Leaf		2480.0	-0.6354777022063127	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
27	LINOLEIC-ACID	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

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1	LEVULOSE	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	L-ARGININE	Stem				Jim Duke's personal files.
1	L-ARGININE	Shoot				Jim Duke's personal files.
75	KAEMPFEROL	Plant				--
6	IRON	Leaf		200.0	-0.41363063591366483	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
6	IRON	Fruit	20.0	67.0	-0.26171724059735857	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
30	HYPEROSIDE	Shoot				Jim Duke's personal files.
6	GUANIDINE	Stem				Jim Duke's personal files.
6	GUANIDINE	Shoot				Jim Duke's personal files.
15	FIBER	Seed		42900.0	-0.7254908761481202	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
15	FIBER	Fruit	5000.0	71000.0	-0.66693630707276	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
7	CYANIDIN	Plant				--
2	CRYPTOXANTHIN	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
12	COPPER	Leaf		7.0	-0.568480004325441	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
23	CITRIC-ACID	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)

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2	CAMPESTEROL	Fruit				Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
28	CALCIUM	Leaf		21900.0	0.23660629291768703	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
28	CALCIUM	Fruit	180.0	2381.0	-0.3404376421043665	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
102	CAFFEIC-ACID	Plant				--
47	BETA-SITOSTEROL	Fruit	20.0	150.0	-0.5971588891273873	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
53	BETA-CAROTENE	Fruit	2.6	68.0	-0.019357854301927577	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
24	BENZALDEHYDE	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
2	AUCUPARIN	Bark				Jim Duke's personal files.
112	ASCORBIC-ACID	Fruit	10.0	840.0	-0.23226033158102166	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	ARSENIC	Leaf		0.28	0.6766860903511981	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
8	AMYGDALIN	Seed		14000.0	-0.8358359394440793	--
8	AMYGDALIN	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
7	ALPHA-CAROTENE	Fruit				Jim Duke's personal files.
2	3-O-TRANS-CAFFEYOYL-TORMENTIC-ACID	Leaf		15.0		Jim Duke's personal files.