

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Blighia sapida

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Seed	780.0	2735.0	1.3034973379274766	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
112	ASCORBIC-ACID	Aril	260.0	1530.0		--
53	BETA-CAROTENE	Aril	5.5	18.0	1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
39	NIACIN	Seed	16.0	84.0	1.2307095961213725	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
39	NIACIN	Aril	14.0	88.0		--
31	THIAMIN	Seed	0.7	7.0	0.09921569102976133	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
31	THIAMIN	Aril	1.3	4.0	1.0933271415320287	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	CALCIUM	Seed	200.0	1300.0	-0.5227673999999125	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	CALCIUM	Aril	400.0	1950.0	0.32563789816201644	--
15	FIBER	Seed	3000.0	153000.0	0.14387752802739445	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Aril	16000.0	81000.0	1.4065128148514796	--
15	RIBOFLAVIN	Seed	0.9	6.0	0.948854260802205	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Aril	1.4	4.5	-0.5080005080007637	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
9	HEDERAGENIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
6	IRON	Seed	17.0	173.0	0.1031800448212895	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
6	IRON	Aril	27.0	130.0	0.6087992693064012	--
4	PHOSPHORUS	Seed	700.0	2455.0	-0.7659160341295137	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	PHOSPHORUS	Aril	160.0	2300.0	1.0903216729896206	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	Y-L-GLUTAMYL-ALPHA-AMINO-B-(2-METHYLENE-CYCLOPROPYL)-PROPIONIC-ACID	Seed				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	WATER	Seed	715000.0	798000.0	2.1888354897387203	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	FAT	Seed	12000.0	611000.0	1.8204641822135073	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Aril	576000.0	692000.0	0.43881832192187564	--
0	FAT	Aril	200000.0	649000.0	1.2253734285689148	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	TRANS-ALPHA-AMINO-2-CARBOXYCYCLOPROPANE-ACETIC-ACID	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
0	KILOCALORIES	Seed	640.0	6320.0	1.1436039530681021	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Seed	55000.0	569000.0	0.18121452406210317	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	KILOCALORIES	Aril	1960.0	6360.0	1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Aril	46000.0	225000.0	-1.0702938500614008	--
0	HYPOGLYCIN	Fruit				--
0	PROTEIN	Seed	42000.0	267000.0	0.2953661749604696	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	L-HYPOGLYCIN	Fruit				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	ASH	Seed	14000.0	104000.0	1.687953175682184	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Aril	50000.0	206000.0	1.3950851658681334	--
0	GLYCYLGLYCYLGLYCINE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	L-GAMMA-GLUTAMYL-L-HYPOGLYCIN	Seed				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	ASH	Aril	12000.0	449000.0	1.0	--