

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Lagenaria siceraria*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	22-DEOXOCUCURBITACIN-D	Plant				--
14	ARGININE	Fruit	140.0	3140.0	-0.3120193110536471	--
112	ASCORBIC-ACID	Leaf	50.0	330.0	-0.4133003020377577	--
112	ASCORBIC-ACID	Fruit	101.0	2265.0	-0.14365811694165817	--
0	ASH	Seed		44300.0	-0.10768133318457268	--
0	ASH	Fruit	4300.0	96400.0	1.0289837349215192	--
53	BETA-CAROTENE	Fruit				--
0	BETA-GLYCOSIDASE	Fruit				--
28	CALCIUM	Fruit	200.0	5830.0	0.4554548852288148	--
0	CALCIUM-OXIDE	Seed		1100.0	-0.9372623950424416	--
0	CARBOHYDRATES	Seed		83000.0	-1.7502476602323784	--
0	CARBOHYDRATES	Fruit	29000.0	760000.0	-0.12236009010138874	--
20	CHOLINE	Fruit	640.0	16020.0	2.729694763242453	--
8	CUCURBITACIN-B	Fruit				--
4	CUCURBITACIN-D	Fruit				--
0	CUCURBITACIN-G	Fruit				--
0	CUCURBITACIN-H	Fruit				--
0	CUCURBITACINS	Fruit	0.0	130.0		--
0	FAT	Seed	450000.0	525400.0	1.3695783631627112	--
0	FAT	Fruit	200.0	4485.0	-0.6069960205645757	--
15	FIBER	Seed		15800.0	-0.9394771046054904	--
15	FIBER	Fruit	5600.0	12550.0	-1.2184986038117216	--
15	FOLACIN	Fruit	0.059	1.3	-0.3052457918046571	--
0	FUFURAL	Fruit	1740.0	43512.0		--
0	GIBBERELLIN-A50	Plant				--
0	GIBBERELLIN-A52	Plant				--
7	HISTIDINE	Fruit	40.0	900.0	-0.5697368899444738	--

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12	IODINE	Fruit	0.005	1.12	-0.28472102219436274	--
6	IRON	Fruit	2.0	45.0	-0.34898531116184145	--
3	ISOLEUCINE	Fruit	330.0	7400.0	1.1299565560400724	--
0	KILOCALORIES	Fruit	140.0	3140.0	-0.7906285743277187	--
2	LEUCINE	Fruit	360.0	8070.0	0.6311425132660325	--
27	LINOLEIC-ACID	Fruit	90.0	2465.0	-0.32062245941491657	--
27	LINOLEIC-ACID	Seed	288000.0	336250.0	1.9631897667177107	--
4	LYSINE	Fruit	210.0	4700.0	0.15164869705840375	--
65	MAGNESIUM	Fruit	110.0	2465.0	0.15524632082032805	--
15	METHIONINE	Fruit	40.0	900.0	-0.07206332775160827	--
39	NIACIN	Fruit	3.2	72.0	0.1510866126594853	--
18	OLEIC-ACID	Seed	81900.0	95625.0	-0.1930065655005214	--
18	OLEIC-ACID	Fruit	40.0	1435.0	-0.4696851356633199	--
13	PALMITIC-ACID	Fruit	10.0	225.0	-0.3620328359458124	--
24	PECTIN	Fruit	8400.0	210000.0	1.863002886712494	--
7	PHENYLALANINE	Fruit	150.0	3365.0	0.013600504537625057	--
4	PHOSPHORUS	Fruit	130.0	2915.0	-0.0914240520291857	--
0	PHOSPHORUS-OXIDE	Seed		24600.0		--
2	PHYTOSTEROLS	Leaf		1300.0	-0.38870512271480295	--
14	POTASSIUM	Fruit	860.0	33635.0	1.3906720445475564	--
0	PROTEIN	Seed		307200.0	0.6529659936576874	--
0	PROTEIN	Fruit	2000.0	139000.0	0.3954798997595693	--
15	RIBOFLAVIN	Fruit	0.2	4.9	-0.023408277754264795	--
0	SAPONIN	Seed				--
1	SODIUM	Fruit	20.0	450.0	-0.1412777918419766	--
8	STEARIC-ACID	Fruit				--
31	THIAMIN	Fruit	0.3	6.5	0.14941933815182984	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
4	THREONINE	Fruit	180.0	4035.0	0.42288465548300735	--
29	TRYPTOPHAN	Fruit	30.0	675.0	-0.24623028950204742	--
0	URONIC-ANHYDRIDE	Fruit	4900.0	122800.0		--
3	VALINE	Fruit	270.0	6055.0	0.3305368322106942	--
0	VIT-B-6	Fruit	0.4	9.0	0.13352756126001855	--
0	WATER	Seed		24700.0	-0.7786391789496602	--
0	WATER	Fruit	955400.0	963000.0	0.83667870905503	--
77	ZINC	Fruit	7.0	157.0	3.8118341064131345	--