

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Senna obtusifolia*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	WATER	Seed	96800.0	97200.0	-0.5004264368315849	--
0	LINOLENIC-ACID	Seed		955.0	-0.5631902204789354	--
0	ANTHRAQUINONE	Seed	300.0	1000.0		--
0	GADOLEIC-ACID	Seed		160.0	-0.7089883790397016	--
0	ALATERNIN-1-O-BETA-D-GLUCOPYRANOSIDE	Plant				--
0	FAT	Seed	52900.0	63000.0	-1.0660478369434583	--
0	OBTUSIFOLIN	Seed	300.0	1000.0		--
0	REDUCING-SUGAR	Seed		1000.0		--
0	NITROGEN	Seed	22200.0	31300.0	0.599106145362096	--
0	SUGAR	Seed	81000.0	83000.0	0.07090963284029145	--
0	PROTEIN	Seed	137280.0	195310.0	-0.3423535017162355	--
0	CHRYSOPHANIC-ACID-8-METHYL-ESTER	Seed	20.0	400.0		--
0	ASH	Seed	42000.0	48100.0	0.006613660679642982	--
0	PROLINE	Seed		5360.0	-1.1740129580979266	--
0	CHRYSOBTUSIN-1-O-BETA-D-GLUCOPYRANOSIDE	Plant				--
0	ARACHIDIC-ACID	Seed		850.0	-0.5726075330597327	--
0	ARABINOSE	Seed		3280.0		--
0	CARBOHYDRATES	Seed	665000.0	689000.0	0.6581187670977776	--
1	SERINE	Seed		7590.0	-0.5719440741806404	--
1	RAFFINOSE	Seed	200.0	1500.0	-1.0903581155930802	--
1	BEHENIC-ACID	Seed		475.0	-0.6336803758261462	--
1	MERCURY	Seed				--
1	STACHYOSE	Seed				--
1	SODIUM	Seed	770.0	930.0	0.760582447534167	--
1	GALACTOSE	Seed		4920.0	-1.0	--
2	LEUCINE	Seed		10900.0	-0.591681115141288	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	NEO-CHLOROGENIC-ACID	Seed				--
2	QUESTIN	Seed	200.0	1500.0		--
3	VALINE	Seed		7420.0	-0.565492727395176	--
3	CADMIUM	Seed				--
3	ALANINE	Seed		6500.0	-0.777239942974527	--
3	ISOLEUCINE	Seed		5960.0	-0.5782333120897188	--
3	ASPARTIC-ACID	Seed		15000.0	-0.6737151815248101	--
3	MANNOSE	Seed		44280.0	-1.0	--
3	XYLOSE	Seed		2460.0	-1.0	--
4	THREONINE	Seed		5940.0	-0.49155784989458046	--
4	ISOCHLOROGENIC-ACID	Seed				--
4	LYSINE	Seed		9500.0	-0.35199573208839235	--
5	STARCH	Seed		2000.0	-1.2478722003120934	--
5	GLUTAMINE	Seed		21300.0		--
5	PHYSCION	Seed	40.0	1000.0	1.0	--
6	IRON	Seed	29.0	37.0	-0.5287176209786577	--
6	CHRYSOPHANIC-ACID	Seed	200.0	6000.0	1.0	--
6	ANTHRAQUINONES	Seed	10000.0	20000.0		--
7	GLUCOSE	Seed		27060.0	0.11626267729361733	--
7	PHENYLALANINE	Seed		6530.0	-0.5983343237577672	--
8	TYROSINE	Seed		4420.0	-0.7693610872759667	--
8	STEARIC-ACID	Seed		3550.0	-0.48836709500956765	--
12	COPPER	Seed	9.0	32.0	1.5588110907670745	--
12	GLYCINE	Seed		6890.0	-0.5873216814099028	--
13	PALMITIC-ACID	Seed		8960.0	-0.5147271768730005	--
13	CYSTEINE	Seed		2440.0	-0.5485311643869681	--
14	SUCROSE	Seed				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
14	ARGININE	Seed		10200.0	-0.6114592815895712	--
14	POTASSIUM	Seed	9120.0	9200.0	-0.2963744338666231	--
14	MANGANESE	Seed	10.0	14.0	-0.49230742660565563	--
15	METHIONINE	Seed		2270.0	-0.5280058466663077	--
18	OLEIC-ACID	Seed		13885.0	-0.864957358887296	--
18	HISTAMINE	Seed		3590.0	-1.0	--
27	LINOLEIC-ACID	Seed		23160.0	-0.719396436349847	--
28	CALCIUM	Seed	4100.0	6590.0	0.4487831447726299	--
29	TRYPTOPHAN	Seed		2180.0	-0.3905151664931349	--
47	BETA-SITOSTEROL	Seed	1000.0	2000.0	0.13648619196503226	--
58	EMODIN	Seed	100.0	1800.0	1.0	--
60	SELENIUM	Seed				--
65	MAGNESIUM	Seed	2820.0	3220.0	0.10821455479424573	--
77	CHLOROGENIC-ACID	Seed				--
77	ZINC	Seed	10.0	76.0	0.8763471866239895	--
102	CAFFEIC-ACID	Seed				--