

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Chemicals found in Senna alexandrina**

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
112	ASCORBIC-ACID	Leaf	1130.0	5566.0	0.0725337776531	--
77	ZINC	Leaf	0.4	1.9	-0.5151077584461536	--
65	MAGNESIUM	Leaf	1577.0	7770.0	1.4071716300600525	--
60	SELENIUM	Leaf	0.3	1.6	-0.2596115444281096	--
53	BETA-CAROTENE	Leaf	48.0	235.0	-0.11452671831303816	--
39	NIACIN	Leaf	15.0	73.9	-0.2870700635111155	--
28	CALCIUM	Leaf	5339.0	26300.0	0.5372479326217929	--
24	CHROMIUM	Leaf	0.6	2.7	-0.4160011979136587	--
24	ALOE-EMODIN	Plant				Tramil
18	RHEIN	Plant				Tramil
15	RIBOFLAVIN	Leaf	7.0	35.0	-0.013799526623899577	--
14	MANGANESE	Leaf	2.0	8.0	-0.4465862167435287	--
14	POTASSIUM	Leaf	2050.0	10100.0	-0.8939331781203368	--
10	CHRYSOPHANOL	Plant				Tramil
6	IRON	Leaf	17.0	84.0	-0.7076601887028041	--
5	ALUMINUM	Leaf	126.0	620.0	-0.11518653157319562	--
4	SILICON	Leaf	2.0	10.7	-0.3813665426424858	--
4	PHOSPHORUS	Leaf	276.0	1360.0	-0.6644606043718129	--
4	TIN	Leaf	4.7	23.0	0.8846846737873428	--
3	MUCILAGE	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	SENNOSIDE	Leaf	6000.0	45000.0		Tramil
2	COBALT	Leaf	0.6	2.7	-0.2828373708304252	--
1	SODIUM	Leaf	335.0	1650.0	-0.35423354979297395	--
0	THIAMINE	Leaf	2.3	11.3	1.4868322541871544	--
0	ASH	Leaf	20097.0	99000.0	-0.34976244732096723	--
0	SUGARS	Leaf	26390.0	130000.0	1.7976334587016993	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	SITOSTEROL	Leaf	670.0	3300.0		--
0	FAT	Leaf	2030.0	10000.0	-0.9258406146703025	--
0	FIBER(DIETARY)	Leaf		386000.0	0.13830099389752015	--
0	FIBER(CRUDE)	Leaf		113000.0	-0.37543132379768207	--
0	FLAVONOIDS	Plant				Tramil
0	CATHARTIN	Plant				Tramil
0	PROTEIN	Leaf	56028.0	276000.0	0.6400076205673125	--
0	CATHARTIC-ACID	Plant				Tramil
0	CARBOHYDRATES	Leaf	124845.0	615000.0	0.02505338841587651	--
0	WATER	Leaf		797000.0	-0.053071193426548875	--