Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Smilax officinalis

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
112	ASCORBIC-ACID	Root				--
77	ZINC	Root	0.5	2.6	-0.9450721489819633	--
65	MAGNESIUM	Root	351.0	1670.0	-0.4743957334649669	--
60	SELENIUM	Root	0.7	3.1	-0.14192942759211227	--
53	BETA-CAROTENE	Root	8.0	36.0	-0.20622961094825273	--
39	NIACIN	Root				--
28	CALCIUM	Root	626.0	2980.0	-0.4843768813953443	--
24	CHROMIUM	Root	0.4	1.7	-0.2211082365074478	--
15	RIBOFLAVIN	Root				--
14	POTASSIUM	Root	2001.0	9530.0	-0.45755733882532496	--
14	MANGANESE	Root	1.2	5.7	-0.47781006288724015	--
6	IRON	Root	19.0	91.0	-0.30944927073913947	--
5	ALUMINUM	Root	157.0	745.0	0.08725464107028212	--
5	STARCH	Root	52500.0	250000.0	-0.2749885194147701	--
4	SILICON	Root	2.0	8.8	-0.30248027033110936	--
4	PHOSPHORUS	Root	372.0	1770.0	-0.3070946978802241	--
4	TIN	Root	4.0	18.0	0.15387660396896238	--
2	COBALT	Root	3.0	14.2	-0.2369968765286966	--
1	SODIUM	Root	4.4	21.0	-0.5029945719162524	--
0	FIBER(DIETARY)	Root		380000.0	-0.20125931618604387	--
0	FIBER(CRUDE)	Root		100000.0	-0.33350960238524374	--
0	PROTEIN	Root	14700.0	70000.0	-0.5436563102616278	--
0	SARSASAPOGENIN-3-O-BETA-D-GLUCOPYRANOSYL(1,4)-[ALPHA-L-ARABINOPYRANOSYL(1,6)]-BETA-D-GLUCOPYRANOSIDE	Rhizome		80.0		Bernardo, R. R., Pinto, A. V., Parente, J. P. 1996. Steroidal Saponins from Smilax officinalis. Phytochemistry, 43(2): 465-469.
0	WATER	Root		790000.0	0.13584730298158998	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	ASH	Root	13230.0	63000.0	-0.13017850342957962	--
0	THIAMINE	Root	0.2	0.9	-0.6854497359326622	--
0	FAT	Root	4410.0	21000.0	-0.06268933504030412	--