

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Smilax spp

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	ALUMINUM	Root	157	745	0.08725464107028212	
112	ASCORBIC-ACID	Root	--	--		
53	BETA-CAROTENE	Root	8	36	-0.20622961094825273	
47	BETA-SITOSTEROL	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
28	CALCIUM	Root	626	2980	-0.4843768813953443	
24	CHROMIUM	Root	0.4	1.7	-0.2211082365074478	
2	COBALT	Root	3	14.2	-0.2369968765286966	
7	GLUCOSE	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	GLYCYPHYLLIN	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
6	IRON	Root	19	91	-0.30944927073913947	
65	MAGNESIUM	Root	351	1670	-0.4743957334649669	
14	MANGANESE	Root	1.2	5.7	-0.47781006288724015	
39	NIACIN	Root	--	--		
6	PARILLIN	Root	--	--		
4	PHOSPHORUS	Root	372	1770	-0.3070946978802241	
14	POTASSIUM	Root	2001	9530	-0.45755733882532496	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	RIBOFLAVIN	Root	--	--		
2	SARSAPARILLOSIDE	Root	--	--		
1	SARSAPONIN	Root	--	--		
60	SELENIUM	Root	0.7	3.1	-0.14192942759211227	
4	SILICON	Root	2	8.8	-0.30248027033110936	
3	SMILAGENIN	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	SODIUM	Root	4.4	21	-0.5029945719162524	
5	STARCH	Root	52500	250000	-0.2749885194147701	
12	STIGMASTEROL	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	TIN	Root	4	18	0.15387660396896238	
77	ZINC	Root	0.5	2.6	-0.9450721489819633	