

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Sassafras albidum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	EO	Root	10000.0	90000.0	3.5844432634410257	--
12	COPPER	Leaf	1.6	102.0	2.045880158776784	--
0	FAT	Seed	119000.0	604000.0	1.7835926783191665	--
6	IRON	Leaf	33.0	1020.0	1.664854133802664	--
14	MANGANESE	Leaf	23.0	1020.0	1.2358217471638944	--
65	MAGNESIUM	Leaf	990.0	6800.0	1.0326215634630065	--
16	VANADIUM	Stem	0.05	2.59	0.7088954511429899	--
5	ALUMINUM	Leaf	50.0	1360.0	0.6789856525717123	--
0	STRONTIUM	Leaf	2.0	680.0	0.4097981155517585	--
77	ZINC	Leaf	10.0	136.0	0.30786626296005176	--
0	(E)-BETA-OCIMENE	Leaf	9.4	21.0	0.24797623068876656	--
28	ALPHA-PINENE	Root	1000.0	2000.0	0.22299033506753657	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	LEAD	Leaf	1.0	34.0	0.10386849840547507	--
0	TITANIUM	Stem	0.16	74.0	0.02537851847600444	--
6	IRON	Stem	3.0	740.0	0.0046089906833026995	--
65	MAGNESIUM	Stem	77.0	4760.0	-0.0014050557470613755	--
28	CALCIUM	Leaf	2607.0	17680.0	-0.051736370616705496	--
77	ZINC	Stem	4.0	111.0	-0.07951787460915558	--
22	MYRCENE	Leaf	0.0	5.4	-0.17072694170092062	--
0	GALLIUM	Leaf	0.0	0.34	-0.17611748841908614	--
9	CAMPHENE	Leaf		0.0	-0.19269287808399893	--
0	ALLO-AROMADENDRENE	Leaf		0.0	-0.20243351944990073	--
28	ALPHA-PINENE	Leaf	0.1	5.0	-0.22421990066028927	--
9	TERPINOLENE	Leaf	0.0	0.6	-0.23133025716217334	--
12	COPPER	Stem	0.2	56.0	-0.24031303106521615	--

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0	STRONTIUM	Stem	3.0	370.0	-0.24678963633209025	--
41	CAMPHOR	Leaf		0.0	-0.24890204590851342	--
5	ALUMINUM	Stem	6.0	740.0	-0.24993658696876042	--
0	TITANIUM	Leaf	1.0	102.0	-0.2563674685863019	--
5	SABINENE	Leaf	0.0	0.3	-0.2610177225310721	--
14	POTASSIUM	Stem	1430.0	12580.0	-0.284617159516089	--
0	BETA-CARYOPHYLLENE	Leaf	30.0	90.0	-0.2907637767105138	--
0	ZIRCONIUM	Stem	0.2	5.5	-0.29475109853799497	--
11	ALPHA-PHELLANDRENE	Leaf	1.0	6.1	-0.3099954058431905	--
13	ALPHA-TERPINENE	Leaf		0.0	-0.3123623388930157	--
4	PHOSPHORUS	Leaf	396.0	3264.0	-0.3141494001739766	--
23	TERPINEN-4-OL	Leaf		0.0	-0.34032252485825043	--
0	ALPHA-COPAENE	Leaf		0.0	-0.3563098416598108	--
4	BORON	Leaf	2.0	48.0	-0.36107864759302916	--
3	NICKEL	Leaf	0.23	3.4	-0.3661943152448143	--
11	GAMMA-TERPINENE	Leaf		0.0	-0.37192312289024204	--
14	POTASSIUM	Leaf	3960.0	21760.0	-0.37905364587546114	--
4	BORON	Stem	1.0	26.0	-0.3859437786091492	--
16	P-CYMENE	Leaf		0.0	-0.4001134882866781	--
24	CHROMIUM	Stem	0.0	2.59	-0.4068809952636315	--
9	DELTA-CADINENE	Leaf	0.2	12.0	-0.4118439075235899	--
60	LIMONENE	Leaf	16.0	32.0	-0.41412019739499095	--
3	BETA-SELINENE	Leaf	0.0	11.0	-0.41450604253886136	--
13	BETA-PINENE	Leaf	0.06	2.4	-0.42558968215063736	--
0	GAMMA-CADINENE	Leaf	0.3	5.0	-0.4320981206779557	--
0	ZIRCONIUM	Leaf	0.66	10.2	-0.4492772375455188	--
2	ALPHA-HUMULENE	Leaf	0.0	8.4	-0.4538077231696806	--

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3	BETA-PHELLANDRENE	Leaf		0.0	-0.4643297333211115	--
24	CHROMIUM	Leaf	0.99	2.04	-0.47242907141823176	--
16	VANADIUM	Leaf	0.16	3.4	-0.4752386364147714	--
0	BARIUM	Leaf	10.0	204.0	-0.49171193915507894	--
2	GERMACRENE-D	Leaf	0.2	7.2	-0.5192255558557514	--
2	MOLYBDENUM	Stem	0.0	0.74	-0.5238338654976148	--
67	1,8-CINEOLE	Leaf	0.0	1.6	-0.530018691012285	--
4	PHOSPHORUS	Stem	132.0	1776.0	-0.545308734462171	--
53	LINALOOL	Leaf	27.0	87.0	-0.5871973900753296	--
3	ALPHA-SELINENE	Leaf	0.0	8.9	-0.6154468594892147	--
3	AROMADENDRENE	Leaf		0.0	-0.6200168347670132	--
14	MANGANESE	Stem	5.0	680.0	-0.6472776494710262	--
0	ASH	Seed	24000.0	26000.0	-0.6581019615306641	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	COBALT	Stem	0.0	0.56	-0.6876530130253229	--
0	(Z)-BETA-OCIMENE	Leaf	2.6	8.0	-0.7021125497444185	--
0	LEAD	Stem	0.1	37.0	-0.7089511343374406	--
29	SAFROLE	Leaf		0.0	-0.7092593093632741	--
0	BARIUM	Stem	6.0	370.0	-0.8325722770048196	--
2	MOLYBDENUM	Leaf	0.0	0.48	-0.834075758856	--
3	SILVER	Leaf	0.0	0.204	-0.8741786830636789	--
0	ASH	Leaf	33000.0	68000.0	-0.8959443898422395	--
28	CALCIUM	Stem	913.0	10360.0	-0.9091579129658584	--
0	ALKALOIDS	Root		200.0	-0.9116967490973776	--
0	EO	Leaf	150.0	330.0	-0.985592372927569	--
0	TUNGSTEN	Leaf	1.0	3.4	-0.999999999999997	--
0	SCANDIUM	Leaf	0.0	0.68	-1.0	--

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0	6-METHYL-5-HEPTEN-2-ONE	Leaf		0.0	-1.0	--
3	NICKEL	Stem	0.08	1.8	-1.1526844644599292	--
0	ASH	Stem	11000.0	37000.0	-1.2199093116337867	--
0	PROTEIN	Seed	62000.0	23800.0	-1.8680237729789178	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
18	OLEIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	SAFRENE	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	METHYL-DECANOATE	Leaf		0.0		--
20	APIOLE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
29	SAFROLE	Root	8000.0	81000.0		--
0	NORCINNAMOLLAURINE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	COPAENE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	(Z)-NEROLIDOL	Leaf	40.0	85.0		--
10	RETICULINE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
76	EUGENOL	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
36	ANETHOLE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	NORBOLDINE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CONIFERALDEHYDE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

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27	LINOLEIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	1,6-GERMACADIEN-5-OL	Leaf	0.2	10.0		--
0	RESIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	BETA-PHELLANDRENE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
29	BOLDINE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
16	ELEMICIN	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
53	CITRAL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
47	BETA-SITOSTEROL	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	DESMETHOXY-ASCHANTIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
31	MYRISTICIN	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CINNAMOLAURINE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
7	LAURIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

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0	D-SESAMIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
35	TANNIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	MUCILAGE	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	L-MENTHONE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	STARCH	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
17	THUJONE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	D-PHELLANDRENE	Leaf				--
0	5-METHOXYEUGENOL	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PIPERONYLACROLEIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
5	ISOBOLDINE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
31	CARYOPHYLLENE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	D-CAMPHOR	Root	600.0	1200.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	4-ALLYL-1,2-(METHYLENEDIOXY)-BENZENE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

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5	CAPRYLIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PHLOBAPHEN	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
0	D-2,3-DIHYDROXY-1-(3,4-METHYLEN-DIOXYPHENYL)-PROPANE	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	(E,Z)-ALPHA-FARNESENE	Leaf	14.0	15.0		--
3	CAPRIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	SCANDIUM	Stem	0.0	0.11		--
4	PHELLANDRENE	Root				--
11	ALPHA-PHELLANDRENE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
15	ASARONE	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses