

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Elytrigia repens*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1-PHENYLHEXA-2,4-DIYNE-1-ONE	Rhizome				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
9	AGROPYRENE	Rhizome	475.0	494.0		--
5	ALUMINUM	Plant		331.0	-0.09875303108328418	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	ASH	Plant	61000.0	78000.0	-0.7770645403211047	--
2	BETA-ALANINE	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
28	CALCIUM	Plant	3000.0	9280.0	-0.46096117776809853	--
0	CARBOHYDRATES	Plant	455000.0	797000.0	0.8022911592259311	--
37	CARVACROL	Rhizome		55.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
37	CARVACROL	Plant		50.0	-0.859879105792264	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
19	CARVONE	Rhizome		27.0		--
19	CARVONE	Plant		25.0	-0.429623623842795	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
24	CHROMIUM	Plant		37.0	2.5858242812916004	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
2	COBALT	Plant		18.0	0.11061168681122152	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	EO	Rhizome	100.0	520.0	-0.6715412748798429	--
0	ERGOCORNINE	Symbiotic Ergot Sclerotia				Wealth of India.
0	ERGOCRISTIN	Symbiotic Ergot Sclerotia				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ERGOCRISTININE	Symbiotic Ergot Sclerotia				Wealth of India.
3	ERGOCRYPTINE	Symbiotic Ergot Sclerotia				Wealth of India.
0	ERGOCRYPTININE	Symbiotic Ergot Sclerotia				Wealth of India.
3	ERGOSINE	Symbiotic Ergot Sclerotia				Wealth of India.
7	ERGOTAMINE	Symbiotic Ergot Sclerotia				Wealth of India.
0	ERGOTAMININE	Symbiotic Ergot Sclerotia				Wealth of India.
0	ERGOTHIONENE	Symbiotic Ergot Sclerotia		3600.0		Wealth of India.
0	FAT	Plant	15000.0	38000.0	-0.20064170761841432	--
0	FAT	Seed	18000.0	121000.0	-0.7605410903903489	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	FAT	Rhizome		15000.0	-0.6710744696705001	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
15	FIBER	Plant	317000.0	339000.0	0.8590617460550924	--
8	FRUCTOSE	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	INFUSION	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
8	INOSITOL	Rhizome	10000.0	30000.0		--
6	IRON	Plant		311.0	-0.37205817446284184	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	LECTIN	Leaf				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
1	LYSERGIC-ACID	Symbiotic Ergot Sclerotia				Wealth of India.
65	MAGNESIUM	Plant		7570.0	1.0876698597605294	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	MALIC-ACID	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
14	MANGANESE	Plant	43.0	188.0	0.6525260588281285	--
18	MANNITOL	Rhizome	10000.0	15000.0		--
63	MENTHOL	Rhizome		18.0	1.0	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
63	MENTHOL	Plant	15.0	20.0	-0.6245205427971803	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
30	MENTHONE	Plant	5.0	10.0	-0.5135616442158939	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
30	MENTHONE	Rhizome		7.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
3	MUCILAGE	Rhizome	100000.0	110000.0		--
16	P-CYMENE	Rhizome		7.0	-0.5144472984555453	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
16	P-CYMENE	Plant		5.0	-0.41895350947159815	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	PHENOLCARBOXYLIC-ACIDS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
4	PHOSPHORUS	Plant	2800.0	9510.0	2.845425049277088	--
14	POTASSIUM	Plant		9780.0	-0.8380710802230191	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PROTEIN	Seed	168000.0	212000.0	-0.19388730833174384	--
0	PROTEIN	Plant	106000.0	112000.0	-0.5037049042481623	--
0	SAPONIN	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
60	SELENIUM	Plant		102.0	4.124509294319289	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
1	SILICIC-ACID	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
4	SILICON	Plant		253.0	0.979270486106428	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
1	SODIUM	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
71	THYMOL	Plant		20.0	-0.5729487441651974	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
71	THYMOL	Rhizome		22.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
4	TIN	Plant		67.0	3.1327609377837824	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
8	TRANS-ANETHOLE	Plant		35.0	-0.45536128912003515	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
8	TRANS-ANETHOLE	Rhizome		34.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	TRITICIN	Rhizome	30000.0	80000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	VANILLIN	Rhizome				--
0	VANILLIN-GLUCOSIDE	Rhizome				--
0	VANILLIN-GLYCOSIDE	Rhizome				--
0	VANILLOSIDE	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	WATER	Plant		789000.0	0.07735481906329916	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
77	ZINC	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.