

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Elytrigia repens*

Activity 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	494		
5	ALUMINUM	Plant	331	331	-0.09875303108328418	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	ASH	Plant	61000	78000	-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	9280	-0.46096117776809853	
0	CARBOHYDRATES	Plant	455000	797000	0.8022911592259311	
37	CARVACROL	Plant	--	50	-0.859879105792264	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
37	CARVACROL	Rhizome	--	55		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
19	CARVONE	Plant	--	25	-0.429623623842795	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		

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24	CHROMIUM	Plant	37	37	2.5858242812916004	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
2	COBALT	Plant	18	18	0.11061168681122152	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	EO	Rhizome	100	520	-0.6715412748798429	
0	ERGOCORNINE	Symbiotic Ergot Sclerotia	--	--		Wealth of India.
0	ERGOCRISTIN	Symbiotic Ergot Sclerotia	--	--		Wealth of India.
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		Wealth of India.
0	FAT	Plant	15000	38000	-0.20064170761841432	

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0	FAT	Rhizome	15000	15000	-0.6710744696705001	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Seed	18000	121000	-0.7605410903903489	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Plant	317000	339000	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	15000		
6	IRON	Plant	311	311	-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	7570	1.0876698597605294	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
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	188	0.6525260588281285	
18	MANNITOL	Rhizome	10000	15000		

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63	MENTHOL	Rhizome	--	18	1	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	20	-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	10	-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		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	110000		
16	P-CYMENE	Rhizome	--	7	-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	-0.41895350947159815	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	9510	2.845425049277088	
14	POTASSIUM	Plant	9780	9780	-0.8380710802230191	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	PROTEIN	Plant	106000	112000	-0.5037049042481623	
0	PROTEIN	Seed	168000	212000	-0.19388730833174384	

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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	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	253	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	Rhizome	--	22		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
71	THYMOL	Plant	--	20	-0.5729487441651974	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	67	3.1327609377837824	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
8	TRANS-ANETHOLE	Rhizome	--	34		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
8	TRANS-ANETHOLE	Plant	--	35	-0.45536128912003515	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	80000		

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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	789000	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.