

Phytochemical

Cimicifuga racemosa (L.) NUTT. - Ranunculaceae

Common names: Black Cohosh -- Black Snakeroot

Synonym of *Actaea racemosa* L.

Activities

Number of distinct activities for species = 369

List of chemicals

Chemical	Part	Lo ppm	Hi ppm	Reference
12-ACETYLACTION	Plant			CAN
27-DEOXYACTION	Root			LAF
27-DESOXYACETYLACTIONEOL	Plant			DUKE1992A
ACETIC-ACID	Plant			CAN
ACTION	Plant			PED 22921
ACTION	Root			22965
ALUMINUM	Root	48	226	PED98
ALUMINUM	Root		226	PED
ASCORBIC-ACID	Root		21	PED
ASCORBIC-ACID	Root	28	135	PED98
ASH	Root			PED98
BETA-CAROTENE	Root	5	24	PED98
BETA-CAROTENE	Root		2.4	PED
BUTYRIC-ACID	Plant			DUKE1992A
CALCIUM	Root		5970	PED
CALCIUM	Root	1254	5970	PED98
CARBOHYDRATES	Root	170730	813000	PED98
CARBOHYDRATES	Root		813000	PED
CHROMIUM	Root		1.8	PED
CHROMIUM	Root	0.4	1.8	PED98
CIMICIFUGIN	Root	150000	200000	LRN-SEP92
CIMICIFUGOSIDE	Rhizome			HG45:35
CIMIFUGOSIDE	Root			LAF
CIMIGENOL-XYLOSIDE	Rhizome			CCO
CIMIGONITE	Root			LAF
CIMIGOSIDE	Plant			PED
COBALT	Root	1	3.8	PED98
COBALT	Root		3.8	PED

<u>EO</u>	Plant	1000	4000	<u>PED</u>
<u>EO</u>	Root	210	4000	<u>PED98</u>
<u>FAT</u>	Root		15000	<u>PED</u>
<u>FAT</u>	Root	3150	15000	<u>PED98</u>
<u>FAT</u>	Seed	326000	451000	<u>DUKE1992A</u>
<u>FIBER</u>	Root		119000	<u>PED</u>
<u>FIBER(CRUDE)</u>	Root		119000	<u>PED98</u>
<u>FIBER(DIETARY)</u>	Root		410000	<u>PED98</u>
<u>FORMIC-ACID</u>	Plant			<u>CAN</u>
<u>FORMONONETIN</u>	Root			<u>411 22967</u>
<u>GALLIC-ACID</u>	Plant			<u>PED</u>
<u>IRON</u>	Root	8	38	<u>PED98</u>
<u>IRON</u>	Root		38	<u>PED</u>
<u>ISOFERULIC-ACID</u>	Plant			<u>PED JBH</u>
<u>KILOCALORIES</u>	Root		3200	<u>PED</u>
<u>MAGNESIUM</u>	Root		1740	<u>PED</u>
<u>MAGNESIUM</u>	Root	365	1740	<u>PED98</u>
<u>MANGANESE</u>	Root	0.3	1.4	<u>PED98</u>
<u>MANGANESE</u>	Root		1.4	<u>PED</u>
<u>N-METHYL-CYTISINE</u>	Plant			<u>LRN-SEP92 12329</u>
<u>NIACIN</u>	Root	6.6	31.5	<u>PED98</u>
<u>NIACIN</u>	Root		31.5	<u>PED</u>
<u>OLEIC-ACID</u>	Plant			<u>CAN</u>
<u>PALMITIC-ACID</u>	Plant			<u>CAN</u>
<u>PHOSPHORUS</u>	Root		2080	<u>PED</u>
<u>PHOSPHORUS</u>	Root	437	2080	<u>PED98</u>
<u>POTASSIUM</u>	Root	2163	10300	<u>PED98</u>
<u>POTASSIUM</u>	Root		10300	<u>PED</u>
<u>PROTEIN</u>	Root		82000	<u>PED</u>
<u>PROTEIN</u>	Root	17220	82000	<u>PED98</u>
<u>PROTEIN</u>	Seed	162000	238000	<u>FNF</u>
<u>RACEMOSIDE</u>	Root			<u>411</u>
<u>RACEMOSIN</u>	Plant			<u>CAN</u>
<u>RESIN</u>	Root			<u>DUKE1992A</u>
<u>RIBOFLAVIN</u>	Root	0.1	0.7	<u>PED98</u>
<u>RIBOFLAVIN</u>	Root		0.65	<u>PED</u>
<u>SALICYLIC-ACID</u>	Plant			<u>PED</u>
<u>SELENIUM</u>	Root		3.2	<u>PED</u>
<u>SELENIUM</u>	Root	0.7	3.2	<u>PED98</u>
<u>SILICON</u>	Root	0.6	2.7	<u>PED98</u>

<u>SILICON</u>	Root		2.7	<u>PED</u>
<u>SODIUM</u>	Root	12	58	<u>PED98</u>
<u>STARCH</u>	Plant			<u>PED</u>
<u>STARCH</u>	Root	16800	80000	<u>PED98</u>
<u>SUGARS</u>	Root	21000	100000	<u>PED98</u>
<u>TANNIC-ACID</u>	Plant			<u>CAN</u>
<u>TANNIN</u>	Root			<u>411</u>
<u>THIAMIN</u>	Root		58	<u>PED</u>
<u>THIAMINE</u>	Root			<u>PED98</u>
<u>TIN</u>	Root			<u>PED</u>
<u>TIN</u>	Root			<u>PED98</u>
<u>WATER</u>	Root		790000	<u>PED</u>
<u>WATER</u>	Root		790000	<u>PED98</u>
<u>ZINC</u>	Root			<u>PED98</u>
<u>ZINC</u>	Root			<u>PED</u>

green