

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Rheum rhabarbarum

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
30	(+)-CATECHIN	Root				--
38	(-)-EPICATECHIN	Root				--
7	(-)-EPICATECHIN-3-O-GALLATE	Root				--
16	ACETIC-ACID	Pt				--
32	ALPHA-TOCOPHEROL	Pt	2.0	48.0	-1.0	--
32	ALPHA-TOCOPHEROL	Leaf	1197.0	1238.0	3.0740595421236994	--
5	ALUMINIUM	Pt	1.0	80.0		--
2	ARSENIC	Pt		0.01		--
112	ASCORBIC-ACID	Pt	80.0	2581.0	-0.38297347254735453	--
112	ASCORBIC-ACID	Leaf	110.0	1833.0	-0.2738410541815012	--
53	BETA-CAROTENE	Pt	0.6	12.0	-0.6169476493252427	--
53	BETA-CAROTENE	Leaf	0.3	5.0	-1.1161644155883124	--
4	BORON	Pt	0.1	36.0		--
3	CADMIUM	Pt	0.005	0.6		--
102	CAFFEIC-ACID	Pt		8.0		--
28	CALCIUM	Pt	600.0	18462.0	0.664932181626536	--
28	CALCIUM	Leaf	470.0	14400.0	-0.27585104748703904	--
4	CALCIUM-OXALATE	Leaf				--
24	CHROMIUM	Pt	0.005	0.1		--
6	CHRYSOPHANIC-ACID	Root Essent. Oil				--
10	CHRYSOPHANOL	Root				--
23	CITRIC-ACID	Pt				--
2	COBALT	Pt	0.005	0.1		--
12	COPPER	Pt	0.2	5.2	-0.9999999999999998	--
1	CYANIDIN-3-RUTINOSIDE	Leaf				--
58	EMODIN	Root				--
40	EPICATECHIN	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
1	EPICATECHIN-3-O-GALLATE	Root				--
61	FERULIC-ACID	Root				--
61	FERULIC-ACID	Pt		8.0		--
15	FIBER	Pt	3000.0	135000.0	-0.9553967815145555	--
15	FIBER	Leaf	7000.0	125000.0	-0.4517961850604935	--
15	FOLACIN	Pt	0.06	0.1		--
7	FUMARIC-ACID	Pt				--
62	GALLIC-ACID	Root				--
62	GALLIC-ACID	Pt		53.0		--
6	IRON	Leaf	3.0	250.0	-0.28689375971144965	--
6	IRON	Pt	1.0	154.0	-0.14075747559182158	--
22	ISOQUERCITRIN	Leaf				--
8	LACTIC-ACID	Pt				--
3	LINDLEYIN	Root				--
15	LUTEIN	Pt	1.7	34.0		--
65	MAGNESIUM	Pt	90.0	1975.0	-1.0	--
15	MALIC-ACID	Pt				--
14	MANGANESE	Pt	2.0	35.0	1.0	--
1	MERCURY	Pt	0.002	0.14		--
2	MOLYBDENUM	Pt		0.1		--
39	NIACIN	Leaf	1.0	33.0	-0.7845608648828445	--
39	NIACIN	Pt	2.0	57.0	0.7071067811865468	--
3	NICKEL	Pt	0.1	4.0		--
9	OXALIC-ACID	Pt	4400.0	13360.0		--
9	OXALIC-ACID	Leaf	3000.0	11000.0	-0.15378792840048167	--
25	P-COUMARIC-ACID	Root				--
25	P-COUMARIC-ACID	Pt		44.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
11	PANTOTHENIC-ACID	Pt	0.8	13.3	-1.0000000000000002	--
4	PHOSPHORUS	Leaf	160.0	3472.0	-0.2758801089590869	--
4	PHOSPHORUS	Pt	100.0	3462.0	-0.35624352955446276	--
5	PHYSICION	Root				--
14	POTASSIUM	Pt	2510.0	66400.0	0.8791900029288348	--
3	PROCYANIDIN-B-2-3,3'-DI-O-GALLATE	Root				--
43	PROTocatechuic-ACID	Pt				--
2	QUERCETIN-3'-GLUCOSIDE	Pt				--
1	QUERCETIN-3-O-RHAMNOSIDE	Pt				--
1	RHAPONTICIN	Root		14200.0		--
18	RHEIN	Root				--
15	RIBOFLAVIN	Pt	0.3	14.0	-0.25365954257404544	--
15	RIBOFLAVIN	Leaf	0.2	3.0	-0.1637990663745501	--
87	RUTIN	Leaf		6000.0	-0.6320516287849793	--
60	SELENIUM	Pt				--
1	SENNOSIDE-A	Root				--
1	SENNOSIDE-B	Root				--
4	SILICON	Pt	3.0	200.0		--
9	SINAPIC-ACID	Root				--
9	SINAPIC-ACID	Pt		6.0		--
1	SODIUM	Pt	20.0	855.0	-0.7343099948033504	--
7	SUCCINIC-ACID	Pt				--
14	SULFUR	Pt	62.0	1240.0		--
31	THIAMIN	Pt	0.2	6.5	-0.07643467149674896	--
31	THIAMIN	Leaf	0.2	3.3	-1.0429896966109122	--
24	VANILLIC-ACID	Pt		4.0		--
77	ZINC	Pt	1.0	46.0		--