

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Brassica rapa

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
77	ZINC	Root	2.0	23.0	-0.05159916005303352	--
0	WATER	Root	900000.0	921120.0	0.9940615249767587	--
0	VIT-B-6	Root	1.0	11.0	0.41907564596559793	--
3	VALINE	Root	300.0	3690.0	-0.22201036330648405	--
8	TYROSINE	Root	130.0	1600.0	-0.66156784685506	--
29	TRYPTOPHAN	Root	90.0	1100.0	0.8377262466980601	--
4	THREONINE	Root	250.0	3075.0	-0.18981089586320535	--
31	THIAMIN	Root	0.4	5.0	-0.1489566935533975	--
14	SULFUR	Root	510.0	5100.0	0.70172285513554	--
12	STIGMASTEROL	Root		0.0	-0.8132428087578462	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
12	STIGMASTEROL	Leaf		0.0	-0.9159783131731405	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
8	STEARIC-ACID	Root	10.0	120.0	-0.5966080781280669	--
1	SODIUM	Root	400.0	11600.0	4.888361510042393	--
4	SILICON	Root	120.0	1200.0	5.169525774274919	--
0	SFA	Root	110.0	1350.0	-0.6021688831618597	--
1	SERINE	Root	290.0	3565.0	0.11378761174513131	--
60	SELENIUM	Root				--
0	RUBIDIUM	Root	1.0	10.0	-0.40996428405019386	--
15	RIBOFLAVIN	Root	0.3	4.0	-0.0163136920018201	--
0	RAPIN	Root				--
4	PUFA	Root	530.0	6520.0	0.566707691896107	--
0	PROTEIN	Root	9000.0	110700.0	-0.08661521723354307	--
14	POTASSIUM	Root	1700.0	30000.0	1.0413262881316638	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	PHYTOSTEROLS	Root	70.0	700.0	-0.5116606379373904	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
2	PHYTOSTEROLS	Leaf	120.0	1200.0	-0.4230551689073448	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
5	PHYLLOQUINONE	Root		0.002	-0.9999999999999998	--
4	PHOSPHORUS	Root	270.0	5000.0	0.2604463852369282	--
7	PHENYLALANINE	Root	170.0	2090.0	-0.7214080672068021	--
11	PANTOTHENIC-ACID	Root	2.0	25.0	1.085330921101074	--
2	PALMITOLEIC-ACID	Root	10.0	120.0	-0.6762068642190665	--
13	PALMITIC-ACID	Root	100.0	1230.0	-0.34362996359528225	--
18	OLEIC-ACID	Root	60.0	740.0	-0.44547408850895587	--
0	NITROGEN	Root	1800.0	18000.0	-1.2597103584581741	--
3	NICKEL	Root	0.01	0.1	-1.1131938478423264	--
39	NIACIN	Root	4.0	49.0	-0.03590584323186845	--
13	MUFA	Root	60.0	740.0	-0.6537638959737779	--
2	MOLYBDENUM	Root	0.1	1.0	-0.17967105137688194	--
15	METHIONINE	Root	110.0	1350.0	0.46965494458443574	--
1	MERCURY	Root	0.001	0.01	-0.4761926805350732	--
14	MANGANESE	Root	0.6	7.0	-0.4622868527944253	--
65	MAGNESIUM	Root	110.0	2000.0	-0.29880118871600586	--
4	LYSINE	Root	360.0	4425.0	0.630955263794971	--
16	LYCOPENE	Root				--
0	LINOLENIC-ACID	Root	400.0	4920.0	1.0142840145083611	--
27	LINOLEIC-ACID	Root	120.0	1475.0	-0.6136111513494188	--
2	LEUCINE	Root	330.0	4060.0	-0.17067414205242645	--
0	LEAD	Root	0.02	0.2	-0.6446053830644467	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	KILOCALORIES	Root	270.0	3321.0	-0.10022495414603093	--
3	ISOLEUCINE	Root	360.0	4425.0	0.49779955957176264	--
6	IRON	Root	2.0	37.0	-0.38789995702739277	--
7	HISTIDINE	Root	140.0	1720.0	-0.07022870333547145	--
12	GLYCINE	Root	250.0	3075.0	0.2189061152421515	--
8	GLUTAMIC-ACID	Root	1300.0	15990.0	0.06502620540194483	--
15	FOLACIN	Root	0.14	2.0	-0.5271708591989388	--
0	FLUORINE	Root				--
15	FIBER	Root	9000.0	110700.0	0.5016439840195641	--
0	FAT	Root	1000.0	12300.0	-0.35282204829047864	--
2	CYSTINE	Root	50.0	615.0	-0.5584829099113838	--
12	COPPER	Root	0.4	4.0	-0.8547042082668113	--
2	COBALT	Root				--
24	CHROMIUM	Root	0.005	0.05	-0.5499725614642089	--
0	CARBOHYDRATES	Root	62300.0	766290.0	-0.818168341219231	--
2	CAMPESTEROL	Plant				--
2	CAMPESTEROL	Root	10.0	100.0	-0.2945736885682078	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
2	CAMPESTEROL	Leaf	20.0	200.0	0.2661820241306193	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
28	CALCIUM	Root	300.0	3690.0	-0.40661907011894605	--
3	CADMIUM	Root	0.01	0.1	-0.7647786809084502	--
0	BROMINE	Root				--
0	BRASSICASTEROL	Plant				--
4	BORON	Root	2.0	20.0	-0.14974023395860875	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
47	BETA-SITOSTEROL	Root	50.0	500.0	-0.26375908041164936	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
47	BETA-SITOSTEROL	Leaf	90.0	900.0	-0.5910886856520599	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
53	BETA-CAROTENE	Root				--
3	ASPARTIC-ACID	Root	630.0	7750.0	-0.28661565537184647	--
0	ASH	Root	7000.0	86000.0	0.5265977228708666	--
112	ASCORBIC-ACID	Root	210.0	2580.0	0.8288691939727557	--
2	ARSENIC	Root				--
14	ARGININE	Root	240.0	2950.0	-0.39104987036781336	--
5	ALUMINUM	Root	2.0	10.0	-0.30711464100795266	--
12	ALLANTOIN	Root				--
0	ALLANTOIC-ACID	Root				--
3	ALANINE	Root	350.0	4305.0	0.42495665148921485	--
0	4ALPHA,7ALPHA,24-TRIMETHYL-5ALPHA-CHOLESTA-8,24-DIEN-3BETA-OL	Plant				--
0	(+)-S-METHYL-L-CYSTEINE-SULFOXIDE	Root				--
0	(+)-CYSTEINE	Root				--