

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Brassica oleracea var. sabellica I.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	1-O-FERULOYL-BETA-D-GLUCOSE	Leaf				--
0	1-O-SINAPOYL-BETA-D-GLUCOSE	Leaf				--
0	2-HYDROXY-BUT-3-ENYL-GLUCOSINOLATE	Leaf				--
0	3-INDOYL-METHYL-GLUCOSINOLATE	Leaf				--
19	ACETYL-CHOLINE	Leaf				--
3	ALANINE	Leaf	1660.0	10680.0	-0.4456875149482915	--
32	ALPHA-TOCOPHEROL	Stem	9.0	16.0		--
32	ALPHA-TOCOPHEROL	Leaf	359.0	785.0	1.534887723709224	--
0	AMMONIA(NH3)	Flower		15260.0	1.239004848776454	--
0	ANILINE	Leaf		0.7	-0.9999999999999999	--
12	ARACHIDONIC-ACID	Leaf	20.0	130.0	1.0	--
14	ARGININE	Leaf	1840.0	11840.0	-0.5060993286198086	--
112	ASCORBIC-ACID	Leaf	1200.0	7720.0	0.272397530069851	--
0	ASH	Leaf	15000.0	98500.0	-0.3585718334906652	--
3	ASPARTIC-ACID	Leaf	2950.0	18985.0	-0.5079364110557509	--
0	BENZYL-AMINE	Leaf		3.8	-0.4920898966324271	--
53	BETA-CAROTENE	Leaf	50.0	345.0	0.3645173977751364	--
28	CALCIUM	Leaf	1200.0	7725.0	-0.7319380804472452	--
0	CARBOHYDRATES	Leaf	100000.0	644000.0	0.25567922612418564	--
23	CITRIC-ACID	Leaf				--
12	COPPER	Leaf	3.0	20.0	-0.2107254556903997	--
2	CYSTINE	Leaf	440.0	2830.0	-0.07237208329524325	--
2	DIMETHYL-AMINE	Leaf		5.5	0.9999999999999999	--
0	FAT	Leaf	7000.0	45050.0	-0.22740670213217185	--
15	FIBER	Leaf	15000.0	96500.0	-0.8042313668555796	--
15	FOLACIN	Leaf	0.3	2.0	-0.8307099689771776	--

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7	FUMARIC-ACID	Leaf				--
1	GLUCOBRASSICANAPIN	Leaf				--
1	GLUCOIBERIN	Leaf				--
1	GLUCONAPIN	Leaf				--
8	GLUTAMIC-ACID	Leaf	3740.0	24065.0	-0.749344921077189	--
12	GLYCINE	Leaf	1590.0	10232.0	-0.04887811056792816	--
7	HISTIDINE	Leaf	690.0	4440.0	-0.46989157021806705	--
3	INDOLE-3-ACETONITRILE	Shoot				--
0	INDOLE-3-CARBOXALDEHYDE	Shoot				--
0	INDOLE-3-CARBOXYLIC-ACID	Shoot				--
6	IRON	Leaf	15.0	110.0	-0.6417570130776522	--
3	ISOLEUCINE	Leaf	1970.0	12675.0	0.15740091439813497	--
0	ISOPENTYL-AMINE	Leaf		0.5	-1.0	--
75	KAEMPFEROL	Leaf		13.0	-0.6888562910819179	--
0	KILOCALORIES	Leaf	500.0	3220.0	0.32547384753317427	--
7	LAURIC-ACID	Leaf	20.0	130.0	-1.2523663967560992	--
2	LEUCINE	Leaf	2310.0	14865.0	-0.25389545117691864	--
27	LINOLEIC-ACID	Leaf	1380.0	8880.0	0.118250911036554	--
0	LINOLENIC-ACID	Leaf	1800.0	11585.0	-0.32383104951099884	--
4	LYSINE	Leaf	1970.0	12675.0	-0.04378144115687264	--
65	MAGNESIUM	Leaf	340.0	2190.0	-0.7474565880961512	--
15	MALIC-ACID	Leaf				--
14	MANGANESE	Leaf	8.0	50.0	-0.376762961324446	--
15	METHIONINE	Leaf	320.0	2060.0	-0.8535045230347672	--
1	METHYL-AMINE	Leaf		16.6	-0.5918051564541574	--
13	MUFA	Leaf	520.0	3345.0	-0.4028010683812442	--
6	MYRISTIC-ACID	Leaf	30.0	190.0	-0.6121712197437659	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	N-BUTYL-AMINE	Leaf		0.5		--
0	N-METHYL-PHENETHYLAMINE	Leaf		2.0	-0.9645619455667127	--
0	N-PENTYL-AMINE	Leaf		0.4	-0.6040404496926216	--
39	NIACIN	Leaf	10.0	65.0	-0.3953260080638879	--
18	OLEIC-ACID	Leaf	490.0	3155.0	-0.2239176838839588	--
13	PALMITIC-ACID	Leaf	760.0	4890.0	-0.29587379056140656	--
2	PALMITOLEIC-ACID	Leaf	10.0	65.0	-0.6185143205773332	--
11	PANTOTHENIC-ACID	Leaf	1.0	6.0	-0.8377522954204943	--
3	PHENETHYLAMINE	Leaf		3.0	-0.3873973897144287	--
4	PHOSPHORUS	Leaf	560.0	3600.0	-0.25232977590377015	--
5	PHYLLOQUINONE	Leaf		6.18	1.1502108743444113	--
14	POTASSIUM	Leaf	4270.0	30000.0	-0.01519366768525743	--
1	PROGOITRIN	Leaf				--
0	PROLINE	Leaf	1960.0	12610.0	0.19775378195045876	--
0	PROTEIN	Leaf	33000.0	212350.0	0.0050373703036538445	--
4	PUFA	Leaf	3380.0	21750.0	0.30135573800989235	--
176	QUERCETIN	Leaf	7.0	50.0	-0.3512219085769756	--
1	QUINIC-ACID	Leaf				--
15	RIBOFLAVIN	Leaf	1.0	8.0	-0.14036163828851098	--
1	SERINE	Leaf	1390.0	8945.0	-0.4101223382634146	--
0	SFA	Leaf	910.0	5855.0	-0.38938391558524194	--
7	SINIGRIN	Seed				--
1	SODIUM	Leaf	290.0	3650.0	9.80210122297994E-4	--
8	STEARIC-ACID	Leaf	40.0	260.0	-0.4524441226294089	--
7	SUCCINIC-ACID	Leaf				--
31	THIAMIN	Leaf	1.0	7.0	-0.2718958403939485	--
4	THREONINE	Leaf	1470.0	9460.0	-0.11042728658725609	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	TOLUIDENE	Leaf		1.1		--
29	TRYPTOPHAN	Leaf	400.0	2575.0	-0.4434034070891129	--
8	TYROSINE	Leaf	1170.0	7530.0	-0.13264863305587218	--
3	VALINE	Leaf	1810.0	11645.0	-0.2937779729632754	--
0	VIT-B-6	Leaf	3.0	17.0	0.15168091457799995	--
0	WATER	Leaf	839000.0	850000.0	0.2113448495082871	--
77	ZINC	Leaf	4.0	28.0	-0.35493160662883855	--