

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Brassica oleracea var. sabellica I.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference 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	10680	-0.4456875149482915	
32	ALPHA-TOCOPHEROL	Leaf	359	785	1.534887723709224	
32	ALPHA-TOCOPHEROL	Stem	9	16		
0	AMMONIA(NH3)	Flower	--	15260	1.239004848776454	
0	ANILINE	Leaf	--	0.7	-0.9999999999999999	
12	ARACHIDONIC-ACID	Leaf	20	130	1	
14	ARGININE	Leaf	1840	11840	-0.5060993286198086	
112	ASCORBIC-ACID	Leaf	1200	7720	0.272397530069851	
0	ASH	Leaf	15000	98500	-0.3585718334906652	
3	ASPARTIC-ACID	Leaf	2950	18985	-0.5079364110557509	
0	BENZYL-AMINE	Leaf	--	3.8	-0.4920898966324271	
53	BETA-CAROTENE	Leaf	50	345	0.3645173977751364	
28	CALCIUM	Leaf	1200	7725	-0.7319380804472452	

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0	CARBOHYDRATES	Leaf	100000	644000	0.25567922612418564	
23	CITRIC-ACID	Leaf	--	--		
12	COPPER	Leaf	3	20	-0.2107254556903997	
2	CYSTINE	Leaf	440	2830	-0.07237208329524325	
2	DIMETHYL-AMINE	Leaf	--	5.5	0.9999999999999999	
0	FAT	Leaf	7000	45050	-0.22740670213217185	
15	FIBER	Leaf	15000	96500	-0.8042313668555796	
15	FOLACIN	Leaf	0.3	2	-0.8307099689771776	
7	FUMARIC-ACID	Leaf	--	--		
1	GLUCOBRASSICANAPIN	Leaf	--	--		
1	GLUCOIBERIN	Leaf	--	--		
1	GLUCONAPIN	Leaf	--	--		
8	GLUTAMIC-ACID	Leaf	3740	24065	-0.749344921077189	
12	GLYCINE	Leaf	1590	10232	-0.04887811056792816	
7	HISTIDINE	Leaf	690	4440	-0.46989157021806705	
3	INDOLE-3-ACETONITRILE	Shoot	--	--		
0	INDOLE-3-CARBOXALDEHYDE	Shoot	--	--		
0	INDOLE-3-CARBOXYLIC-ACID	Shoot	--	--		
6	IRON	Leaf	15	110	-0.6417570130776522	

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3	ISOLEUCINE	Leaf	1970	12675	0.15740091439813497	
0	ISOPENTYL-AMINE	Leaf	--	0.5	-1	
75	KAEMPFEROL	Leaf	--	13	-0.6888562910819179	
0	KILOCALORIES	Leaf	500	3220	0.32547384753317427	
7	LAURIC-ACID	Leaf	20	130	-1.2523663967560992	
2	LEUCINE	Leaf	2310	14865	-0.25389545117691864	
27	LINOLEIC-ACID	Leaf	1380	8880	0.118250911036554	
0	LINOLENIC-ACID	Leaf	1800	11585	-0.32383104951099884	
4	LYSINE	Leaf	1970	12675	-0.04378144115687264	
65	MAGNESIUM	Leaf	340	2190	-0.7474565880961512	
15	MALIC-ACID	Leaf	--	--		
14	MANGANESE	Leaf	8	50	-0.376762961324446	
15	METHIONINE	Leaf	320	2060	-0.8535045230347672	
1	METHYL-AMINE	Leaf	--	16.6	-0.5918051564541574	
13	MUFA	Leaf	520	3345	-0.4028010683812442	
6	MYRISTIC-ACID	Leaf	30	190	-0.6121712197437659	
0	N-BUTYL-AMINE	Leaf	--	0.5		
0	N-METHYL-PHENETHYLAMINE	Leaf	--	2	-0.9645619455667127	
0	N-PENTYL-AMINE	Leaf	--	0.4	-0.6040404496926216	

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39	NIACIN	Leaf	10	65	-0.3953260080638879	
18	OLEIC-ACID	Leaf	490	3155	-0.2239176838839588	
13	PALMITIC-ACID	Leaf	760	4890	-0.29587379056140656	
2	PALMITOLEIC-ACID	Leaf	10	65	-0.6185143205773332	
11	PANTOTHENIC-ACID	Leaf	1	6	-0.8377522954204943	
3	PHENETHYLAMINE	Leaf	--	3	-0.3873973897144287	
4	PHOSPHORUS	Leaf	560	3600	-0.25232977590377015	
5	PHYLLUQUINONE	Leaf	--	6.18	1.1502108743444113	
14	POTASSIUM	Leaf	4270	30000	-0.01519366768525743	
1	PROGOITRIN	Leaf	--	--		
0	PROLINE	Leaf	1960	12610	0.19775378195045876	
0	PROTEIN	Leaf	33000	212350	0.0050373703036538445	
4	PUFA	Leaf	3380	21750	0.30135573800989235	
176	QUERCETIN	Leaf	7	50	-0.3512219085769756	
1	QUINIC-ACID	Leaf	--	--		
15	RIBOFLAVIN	Leaf	1	8	-0.14036163828851098	
1	SERINE	Leaf	1390	8945	-0.4101223382634146	
0	SFA	Leaf	910	5855	-0.38938391558524194	
7	SINIGRIN	Seed	--	--		

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1	SODIUM	Leaf	290	3650	0.000980210122297994	
8	STEARIC-ACID	Leaf	40	260	-0.4524441226294089	
7	SUCCINIC-ACID	Leaf	--	--		
31	THIAMIN	Leaf	1	7	-0.2718958403939485	
4	THREONINE	Leaf	1470	9460	-0.11042728658725609	
0	TOLUIDENE	Leaf	--	1.1		
29	TRYPTOPHAN	Leaf	400	2575	-0.4434034070891129	
8	TYROSINE	Leaf	1170	7530	-0.13264863305587218	
3	VALINE	Leaf	1810	11645	-0.2937779729632754	
0	VIT-B-6	Leaf	3	17	0.15168091457799995	
0	WATER	Leaf	839000	850000	0.2113448495082871	
77	ZINC	Leaf	4	28	-0.35493160662883855	