

Dr. Duke's Phytochemical and Ethnobotanical Databases
Chemicals found in Brassica oleracea var. viridis I.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
3	ALANINE	Leaf	670.0	10981.0	-0.3756774873368582	--
15	ALPHA-LINOLENIC-ACID	Plant				--
14	ARGININE	Leaf	800.0	13112.0	-0.418972992535844	--
112	ASCORBIC-ACID	Leaf	233.0	3819.0	-0.08956556100616822	--
0	ASH	Leaf	5500.0	90145.0	-0.5057766763863177	--
3	ASPARTIC-ACID	Leaf	1200.0	19668.0	-0.4648240859676949	--
53	BETA-CAROTENE	Leaf	20.0	328.0	0.29048330710696396	--
28	CALCIUM	Leaf	1170.0	19180.0	0.050755097464239715	--
0	CARBOHYDRATES	Leaf	37600.0	616264.0	0.03510549389392143	--
12	COPPER	Leaf	2.0	43.0	0.42222489958698123	--
2	CYSTINE	Leaf	160.0	2624.0	-0.24600378339796622	--
0	FAT	Leaf	2200.0	36058.0	-0.4065883780677744	--
15	FIBER	Leaf	5700.0	93423.0	-0.8422820003427193	--
15	FOLACIN	Leaf	0.83	2.4	-0.788307139934259	--
1	GLUCOBRASSICANAPIN	Seed				--
1	GLUCONAPIN	Seed				--
8	GLUTAMIC-ACID	Leaf	1310.0	21471.0	-0.8896021631464629	--
12	GLYCINE	Leaf	600.0	9834.0	-0.15457861237251436	--
7	HISTIDINE	Leaf	300.0	4917.0	-0.2305062903197567	--
6	IRON	Leaf	6.0	102.0	-0.6620349132700066	--
3	ISOLEUCINE	Leaf	640.0	10490.0	-0.4054812426557532	--
0	KILOCALORIES	Leaf	190.0	3112.0	0.15138729299100642	--
2	LEUCINE	Leaf	970.0	15900.0	-0.09450853927892945	--
27	LINOLEIC-ACID	Plant				--
4	LYSINE	Leaf	750.0	12293.0	-0.13076142098797902	--
65	MAGNESIUM	Leaf	170.0	2786.0	-0.5173206708880693	--
14	MANGANESE	Leaf	4.0	60.0	-0.3601383767008548	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
15	METHIONINE	Leaf	210.0	3442.0	0.29511437290850057	--
6	MYRISTIC-ACID	Plant				--
0	NAPOLEIFERIN	Seed				--
39	NIACIN	Leaf	3.7	61.0	-0.4439803651662575	--
18	OLEIC-ACID	Plant				--
0	OXALATE	Leaf	4500.0	73755.0	2.3191173308235538	--
13	PALMITIC-ACID	Plant				--
2	PALMITOLEIC-ACID	Plant				--
11	PANTOTHENIC-ACID	Leaf	0.64	10.5	-0.7043161410144733	--
7	PHENYLALANINE	Leaf	560.0	9178.0	-0.2833991845426497	--
4	PHOSPHORUS	Leaf	160.0	2622.0	-0.4322690394045494	--
2	PHYTOSTEROLS	Plant				--
14	POTASSIUM	Leaf	1480.0	24257.0	-0.26879170830981325	--
1	PROGOITRIN	Seed				--
0	PROLINE	Leaf	670.0	10981.0	-0.038189267949905695	--
0	PROTEIN	Leaf	15700.0	257323.0	0.4536864993705434	--
15	RIBOFLAVIN	Leaf	0.6	10.5	-0.1286429242454914	--
1	SERINE	Leaf	500.0	8195.0	-0.5801932631887451	--
7	SINIGRIN	Seed				--
1	SODIUM	Leaf	280.0	4589.0	0.16775307040251808	--
8	STEARIC-ACID	Plant				--
31	THIAMIN	Leaf	0.3	4.75	-0.7408042664718318	--
4	THREONINE	Leaf	550.0	9014.0	-0.25995673503926836	--
29	TRYPTOPHAN	Leaf	200.0	3278.0	0.2767763708339286	--
8	TYROSINE	Leaf	420.0	6884.0	-0.3120085982143061	--
3	VALINE	Leaf	770.0	12620.0	-0.02043456158031096	--
0	VIT-B-6	Leaf	0.7	11.0	-0.4171225150894994	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	WATER	Leaf	932500.0	945500.0	0.6877926249852085	--
77	ZINC	Leaf	10.0	157.0	0.43674362649122483	--