

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Brassica rapa

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	ALANINE	Leaf	860.0	18378.0	1.3448014968550768	USDA's Ag Handbook 8 and sequelae)
15	ALPHA-LINOLENIC-ACID	Leaf	510.0	10899.0	0.7033316079638703	USDA's Ag Handbook 8 and sequelae)
32	ALPHA-TOCOPHEROL	Leaf	2.0	56.0	-0.9420576529445347	--
14	ARGININE	Leaf	840.0	17951.0	-0.0875230394617054	USDA's Ag Handbook 8 and sequelae)
112	ASCORBIC-ACID	Leaf	450.0	9713.0	0.45732253404690976	USDA's Ag Handbook 8 and sequelae)
0	ASH	Leaf	8000.0	170960.0	0.9180844102219602	USDA's Ag Handbook 8 and sequelae)
3	ASPARTIC-ACID	Leaf	1080.0	23080.0	-0.24945182652340953	USDA's Ag Handbook 8 and sequelae)
53	BETA-CAROTENE	Leaf	18.0	385.0	0.5387152581708363	USDA's Ag Handbook 8 and sequelae)
28	CALCIUM	Leaf	1050.0	22440.0	0.2735032214268273	USDA's Ag Handbook 8 and sequelae)
0	CARBOHYDRATES	Leaf	21800.0	465866.0	-1.1609519109217432	USDA's Ag Handbook 8 and sequelae)
2	CYSTINE	Leaf	170.0	3633.0	0.6044543981731381	USDA's Ag Handbook 8 and sequelae)
0	FAT	Leaf	2000.0	42740.0	-0.2734375819599345	USDA's Ag Handbook 8 and sequelae)
15	FIBER	Leaf	6000.0	128220.0	-0.41197719259101356	USDA's Ag Handbook 8 and sequelae)
0	GLUCOALYSSIN	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
1	GLUCOBRASSICIN	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	GLUCOIBERBERIN	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

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0	GLUCONAPOLEIFERIN	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
8	GLUTAMIC-ACID	Leaf	3600.0	76932.0	2.1091668817278633	USDA's Ag Handbook 8 and sequelae)
12	GLYCINE	Leaf	430.0	9189.0	-0.3258771642920071	USDA's Ag Handbook 8 and sequelae)
0	HEXACOSAN-1-OL	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
7	HISTIDINE	Leaf	260.0	5556.0	0.09017965067609301	USDA's Ag Handbook 8 and sequelae)
6	IRON	Leaf	8.0	171.0	-0.4871380241109496	USDA's Ag Handbook 8 and sequelae)
3	ISOLEUCINE	Leaf	850.0	18164.0	1.571433024269437	USDA's Ag Handbook 8 and sequelae)
0	ISOPROPYLISOTHIOCYANATE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	KILOCALORIES	Leaf	130.0	2778.0	-0.38699149605606814	USDA's Ag Handbook 8 and sequelae)
2	LEUCINE	Leaf	880.0	18806.0	0.35300679016605274	USDA's Ag Handbook 8 and sequelae)
27	LINOLEIC-ACID	Leaf	390.0	8334.0	0.025971257735994156	USDA's Ag Handbook 8 and sequelae)
4	LYSINE	Leaf	890.0	19019.0	1.4007237736298783	USDA's Ag Handbook 8 and sequelae)
65	MAGNESIUM	Leaf	106.0	5844.0	0.6634773741158146	USDA's Ag Handbook 8 and sequelae)
15	METHIONINE	Leaf	90.0	1923.0	-0.9673690590291433	USDA's Ag Handbook 8 and sequelae)
0	METHOXYBRASSININ	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

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39	NIACIN	Leaf	5.0	107.0	0.11554474151099259	USDA's Ag Handbook 8 and sequelae)
18	OLEIC-ACID	Leaf	140.0	2992.0	-0.24728425396916065	USDA's Ag Handbook 8 and sequelae)
13	PALMITIC-ACID	Leaf	220.0	4701.0	-0.29955276860925134	USDA's Ag Handbook 8 and sequelae)
7	PHENYLALANINE	Leaf	440.0	9402.0	-0.2255877361792033	USDA's Ag Handbook 8 and sequelae)
4	PHOSPHORUS	Leaf	370.0	7907.0	0.5401021340122389	USDA's Ag Handbook 8 and sequelae)
14	POTASSIUM	Leaf	1804.0	69143.0	1.7132737020112403	USDA's Ag Handbook 8 and sequelae)
0	PROLINE	Leaf	310.0	6625.0	-0.6691088047000515	USDA's Ag Handbook 8 and sequelae)
0	PROTEIN	Leaf	15000.0	320550.0	1.0844369159207452	USDA's Ag Handbook 8 and sequelae)
15	RIBOFLAVIN	Leaf	0.7	15.0	-0.10754923896805615	USDA's Ag Handbook 8 and sequelae)
1	SERINE	Leaf	480.0	10258.0	-0.1123848390274692	USDA's Ag Handbook 8 and sequelae)
1	SODIUM	Leaf	295.0	21477.0	3.167178059127073	USDA's Ag Handbook 8 and sequelae)
8	STEARIC-ACID	Leaf	10.0	214.0	-0.48241730258681836	USDA's Ag Handbook 8 and sequelae)
31	THIAMIN	Leaf	0.4	9.0	0.144911649453059	USDA's Ag Handbook 8 and sequelae)
4	THREONINE	Leaf	490.0	10471.0	0.2285284810920811	USDA's Ag Handbook 8 and sequelae)
29	TRYPTOPHAN	Leaf	150.0	3206.0	0.20301684877068676	USDA's Ag Handbook 8 and sequelae)
8	TYROSINE	Leaf	290.0	6197.0	-0.5027520905731979	USDA's Ag Handbook 8 and sequelae)
3	VALINE	Leaf	660.0	14104.0	0.3956081281554011	USDA's Ag Handbook 8 and sequelae)
0	WATER	Leaf	950000.0	956400.0	0.7421725281548257	USDA's Ag Handbook 8 and sequelae)