

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Cichorium endivia*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
3	ALANINE	Leaf	620.0	9984.0	-0.6075711668338649	--
15	ALPHA-LINOLENIC-ACID	Leaf	130.0	2093.0	-0.9049021993700903	--
5	ALUMINUM	Leaf	60.0	168.0	-0.6002754872941394	--
14	ARGININE	Leaf	620.0	9984.0	-0.6332270642894926	--
2	ARSENIC	Leaf	0.04	0.048	-0.6019750468916086	--
112	ASCORBIC-ACID	Leaf	462.0	9302.0	0.41918697125986953	--
0	ASH	Leaf	13590.0	240000.0	2.1344844525338518	--
3	ASPARTIC-ACID	Leaf	1300.0	20934.0	-0.3849116356580627	--
0	BARIUM	Leaf	14.0	24.0	-0.9773533605428113	--
53	BETA-CAROTENE	Leaf	9.6	241.0	-0.0883970392536832	--
0	BETA-LACTUCEROL	Latex Exudate				--
4	BORON	Leaf	1.0	24.0	-1.014918102317493	--
3	CADMIUM	Leaf	0.2	0.24	-0.763136012840244	--
102	CAFFEIC-ACID	Leaf				--
28	CALCIUM	Leaf	462.0	10080.0	-0.5710264755601612	--
0	CAOUTCHOUC	Latex Exudate				--
0	CARBOHYDRATES	Leaf	33500.0	539452.0	-0.575750776659549	--
24	CHROMIUM	Leaf	0.3	0.48	-0.6058040451563134	--
2	COBALT	Leaf	0.2	0.24	-0.29745896258936844	--
12	COPPER	Leaf	1.0	16.8	-0.2987881138159482	--
2	CYSTINE	Leaf	100.0	1610.0	-1.1006763266220492	--
0	FAT	Leaf	2000.0	32200.0	-0.4834659254164793	--
15	FIBER	Leaf	9000.0	144927.0	-0.2053759791787152	--
15	FOLACIN	Leaf	1.2	25.0	1.607452700990641	--
8	GLUTAMIC-ACID	Leaf	1660.0	26731.0	-0.6051946483876423	--
12	GLYCINE	Leaf	580.0	9340.0	-0.2857747126023274	--
7	HISTIDINE	Leaf	230.0	3704.0	-0.8392575366859002	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	HYDROXYCINNAMIC-ACID	Leaf				--
19	INULIN	Root				--
6	IRON	Leaf	6.0	360.0	-0.008072632066576286	--
3	ISOLEUCINE	Leaf	720.0	11594.0	-0.1210776264601042	--
0	KAEMPFEROL-3-O-GLUCOSIDE	Leaf				--
0	KAEMPFEROL-GLYCOSIDES	Plant				--
0	KILOCALORIES	Leaf	170.0	2737.0	-0.45307991028040967	--
0	LEAD	Leaf	4.0	4.8	-0.5501390818511008	--
2	LEUCINE	Leaf	980.0	15781.0	-0.11283418422179005	--
27	LINOLEIC-ACID	Leaf	750.0	12077.0	0.658577012871517	--
11	LITHIUM	Leaf	0.8	0.96	-0.509347195462049	--
4	LYSINE	Leaf	630.0	10145.0	-0.619853035326242	--
65	MAGNESIUM	Leaf	95.0	2400.0	-0.6663684293483372	--
14	MANGANESE	Leaf	4.0	72.0	-0.3401888751525454	--
1	MERCURY	Leaf	0.002	0.002	-1.0649377598785665	--
15	METHIONINE	Leaf	140.0	2254.0	-0.6922656910427311	--
2	MOLYBDENUM	Leaf	1.4	1.68	-0.28010854844414734	--
13	MUFA	Leaf	40.0	644.0	-0.6652241408554652	--
6	MYRISTIC-ACID	Leaf	30.0	483.0	-0.40573956930075944	--
39	NIACIN	Leaf	4.0	64.0	-0.4074895973394803	--
3	NICKEL	Leaf	2.0	2.4	-0.3888390900918307	--
18	OLEIC-ACID	Leaf	40.0	644.0	-0.5838775457486325	--
13	PALMITIC-ACID	Leaf	410.0	6602.0	-0.26254886771532066	--
11	PANTOTHENIC-ACID	Leaf	9.0	145.0	3.2839422517877095	--
0	PHENOLICS	Leaf		32000.0		--
7	PHENYLALANINE	Leaf	530.0	8535.0	-0.4493490117645068	--
4	PHOSPHORUS	Leaf	242.0	5760.0	0.14508209440469974	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
14	POTASSIUM	Leaf	2915.0	96000.0	2.8992187789838493	--
0	PROLINE	Leaf	590.0	9500.0	-0.2526961168771247	--
0	PROTEIN	Leaf	12000.0	209300.0	-0.025389326684628306	--
4	PUFA	Leaf	870.0	14010.0	-0.7579795875405334	--
176	QUERCETIN	Leaf				--
15	RIBOFLAVIN	Leaf	0.7	13.0	-0.11692421020247182	--
60	SELENIUM	Leaf	0.008	0.024	-0.3807027917986485	--
1	SERINE	Leaf	490.0	7890.0	-0.6493554393250462	--
0	SFA	Leaf	480.0	7729.0	-0.3028581028675844	--
3	SILVER	Leaf	0.2	0.24	-0.663573493644896	--
1	SODIUM	Leaf	179.0	4560.0	0.16260247088374666	--
8	STEARIC-ACID	Leaf	20.0	322.0	-0.41204548877377	--
0	STRONTIUM	Shoot	140.0	240.0	-0.7595421490082283	--
14	SULFUR	Shoot	740.0	912.0	-0.6814960822776618	--
2	TARAXASTEROL	Latex Exudate				--
31	THIAMIN	Leaf	0.7	14.0	1.1869303740705777	--
4	THREONINE	Leaf	500.0	8051.0	-0.5828196472798239	--
0	TITANIUM	Leaf	1.0	1.2	-0.6875548014167783	--
29	TRYPTOPHAN	Leaf	50.0	805.0	-2.2566583244771405	--
8	TYROSINE	Leaf	400.0	6441.0	-0.43500622138022904	--
3	VALINE	Leaf	630.0	10145.0	-0.7143062981678361	--
0	VIT-B-6	Leaf	0.2	3.2	-1.1565669736572484	--
0	WATER	Leaf	934000.0	943800.0	0.6793113556835251	--
77	ZINC	Leaf	8.0	146.0	0.3692364360701342	--
0	ZIRCONIUM	Leaf	4.0	4.8	-0.5347031911633289	--