

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Lepidium sativum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
31	THIAMIN	Leaf	0.8	7.5	-0.1676939679321966	--
14	SULFUR	Seed	9000.0	9545.0	3.9651698056626064	--
8	STEARIC-ACID	Leaf	70.0	660.0	-0.19180777517367403	--
8	STEARIC-ACID	Seed	9560.0	15325.0	-0.2328895793915901	--
1	SODIUM	Leaf	140.0	1320.0	-0.4128438201789938	--
9	SINAPIC-ACID	Seed				--
15	RIBOFLAVIN	Leaf	1.7	25.0	-0.060674382795977866	--
4	PUFA	Leaf	2280.0	21500.0	0.26713948072467186	--
14	POTASSIUM	Leaf	6060.0	57170.0	1.184572789526858	--
4	PHOSPHORUS	Seed	16500.0	17500.0	3.2098608816684266	--
4	PHOSPHORUS	Leaf	760.0	7170.0	0.4045037319671731	--
13	PALMITIC-ACID	Seed	2020.0	3240.0	-0.6327493366692233	--
13	PALMITIC-ACID	Leaf	160.0	1510.0	-0.3616671545916463	--
18	OLEIC-ACID	Leaf	870.0	8210.0	0.500732695138712	--
18	OLEIC-ACID	Seed	97450.0	156200.0	0.3049555009223302	--
3	NICKEL	Leaf		0.04	-0.4422807587307894	--
39	NIACIN	Leaf	10.0	95.0	-0.030418329796116125	--
13	MUFA	Leaf	2390.0	22545.0	1.462627658573604	--
3	MUCILAGE	Seed		50000.0	-0.9282499219906043	--
27	LINOLEIC-ACID	Leaf	1520.0	14340.0	1.04104744440421524	--
1	LIGNOCERIC-ACID	Seed	320.0	510.0	-0.5583807882888466	--
6	IRON	Leaf	13.0	286.0	-0.19564320884585473	--
12	IODINE	Leaf		0.11	-1.0096875885880112	--
15	FIBER	Leaf	11000.0	103775.0	-0.7142676493973603	--
2	ERUCIC-ACID	Leaf	910.0	8585.0	0.3997423155436001	--
25	DIALLYL-SULFIDE	Essential Oil				--
2	COBALT	Leaf		0.012	-0.2988141345084901	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
1	CELLULOSE	Seed		9150.0	-1.0859323179992477	--
28	CALCIUM	Seed	3100.0	3290.0	-0.1572880835353832	--
28	CALCIUM	Leaf	810.0	20340.0	0.130015166113504	--
47	BETA-SITOSTEROL	Seed				--
53	BETA-CAROTENE	Leaf	20.0	526.0	1.1527627160656782	--
5	BENZYL-THIOCYANATE	Essential Oil				--
20	BENZYL-ISOTHIOCYANATE	Plant				--
1	BEHENIC-ACID	Seed	2750.0	4410.0	-0.26522344507241363	--
112	ASCORBIC-ACID	Leaf	690.0	6510.0	0.16012494862868643	--
32	ALPHA-TOCOPHEROL	Oil		1830.0	2.0035213900204276	--
32	ALPHA-TOCOPHEROL	Leaf	7.0	66.0	-0.9080803501097781	--