

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in Larrea tridentata**

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	2-UNDECANONE	Plant	--	--		
28	ALPHA-PINENE	Essential Oil	--	--		
5	ALUMINUM	Plant	95	290	-0.1802977844208822	
14	ARGININE	Plant	3100	3100	-1.438287722239193	
112	ASCORBIC-ACID	Plant	250	760	-0.4152688055690829	
3	ASPARTIC-ACID	Plant	5700	5700	-1.276840894293783	
53	BETA-CAROTENE	Plant	45	138	0.02021349564795107	
13	BETA-PINENE	Essential Oil	--	--		
35	BORNEOL	Plant	--	--		
28	CALCIUM	Plant	5396	16400	0.3006411394281264	
9	CAMPHENE	Plant	--	--		
41	CAMPHOR	Plant	--	--		
7	CHLORINE	Plant	900	900	-1.2735568846981777	
24	CHROMIUM	Plant	0.3	0.8	-0.7884971158405594	
24	CHROMIUM	Bark	8	0.8	-0.5050120598304665	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
2	COBALT	Plant	3	9.3	-0.17360057781310526	
2	COBALT	Bark	93	9.3	-0.25894627712638835	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	CYSTINE	Plant	1000	1000	-0.6569343541381419	
15	FIBER	Plant	95000	132000	-0.6713648990734179	
8	GLUTAMIC-ACID	Plant	13600	13600	-0.6106343436470067	
12	GLYCINE	Plant	4200	4200	-0.21783927246057364	
7	GOSSYPETIN	Plant	--	--		
1	HERBACETIN	Plant	--	--		
6	IRON	Plant	11	33	-0.6994408393558528	
3	ISOLEUCINE	Plant	4700	4700	-0.6751293776759002	
2	LEUCINE	Plant	7800	7800	-0.5995960804627954	
60	LIMONENE	Essential Oil	--	--		
65	MAGNESIUM	Plant	566	1720	-0.7283692289718358	
14	MANGANESE	Plant	2	5.2	-0.6576355689527066	
39	NIACIN	Plant	--	--	-1.0750888180366929	
7	PHENYLALANINE	Plant	4200	4200	-0.7625023669537825	
4	PHOSPHORUS	Plant	375	1140	-1.1766703641882361	
14	POTASSIUM	Plant	4507	13700	-0.5646937121972753	
15	RIBOFLAVIN	Plant	0.6	1.7	-0.6767736642437697	
60	SELENIUM	Plant	0.6	1.9	-0.3427291567012295	
4	SILICON	Plant	1	3.1	-0.5274474639457364	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	SODIUM	Plant	135	410	-0.2813819801268763	
14	SULFUR	Plant	1600	1600	-0.9604343772613888	
1	TERNATIN	Plant	--	--		
31	THIAMIN	Plant	5.1	5.1	-0.2124951162100347	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	TIN	Plant	5	14	-0.4656082470551236	
8	TYROSINE	Plant	3100	3100	-0.6773474514027521	
3	VALINE	Plant	4200	4200	-0.7595053887243765	
77	ZINC	Plant	--	--		