

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Larrea tridentata*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1-HEPTEN-3-ONE	Plant	--	--		
0	1-HEXEN-3-ONE	Plant	--	--		
0	2,6-DI-C-GLUCOPYRANOSYLAPIGENIN	Plant	--	--		
0	2-HEPTANONE	Plant	--	--		
4	2-UNDECANONE	Plant	--	--		
0	3'-DEMETHOXYISOGUAIACIN	Plant	--	--		
0	5,8,4'-TRIHYDROXY-3,7,3'-TRIMETHOXYFLAVONE	Plant	--	--		
0	6,8-DI-C-GLUCOPYRANOSYLCHRYSOERIOL	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	
0	ASH	Plant	28294	86000	-0.632536678255517	
3	ASPARTIC-ACID	Plant	5700	5700	-1.276840894293783	
53	BETA-CAROTENE	Plant	45	138	0.02021349564795107	
13	BETA-PINENE	Essential Oil	--	--		
35	BORNEOL	Plant	--	--		
0	CALAMENENE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	CALCIUM	Plant	5396	16400	0.3006411394281264	
9	CAMPHENE	Plant	--	--		
41	CAMPHOR	Plant	--	--		
0	CARBOHYDRATES	Plant	257607	783000	0.7121482964799551	
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	Bark	93	9.3	-0.25894627712638835	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
2	COBALT	Plant	3	9.3	-0.17360057781310526	
2	CYSTINE	Plant	1000	1000	-0.6569343541381419	
0	EO	Plant	329	2500	-0.5501330222038597	
0	FAT	Plant	15134	46000	-0.08387794298838314	
0	FAT	Seed	117000	117000	-0.781610521187115	
15	FIBER	Plant	95000	132000	-0.6713648990734179	
0	FIBER(CRUDE)	Plant	--	132000	0.516965636584317	
0	FIBER(DIETARY)	Plant	--	320000	-0.4756583035201752	
0	GAMMA-EUDESOL	Plant	--	--		
8	GLUTAMIC-ACID	Plant	13600	13600	-0.6106343436470067	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	GLYCINE	Plant	4200	4200	-0.21783927246057364	
7	GOSSYPETIN	Plant	--	--		
0	GOSSYPETIN-3,7-DIMETHYL-ETHER	Plant	--	--		
0	GUM	Plant	39480	120000	-0.03568971197469381	
1	HERBACETIN	Plant	--	--		
6	IRON	Plant	11	33	-0.6994408393558528	
3	ISOLEUCINE	Plant	4700	4700	-0.6751293776759002	
0	KILOCALORIES	Bark	3600	3600	2.380861988727912	
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	
0	NORHYDROGUARIARETIC-ACID	Plant	--	--		
7	PHENYLALANINE	Plant	4200	4200	-0.7625023669537825	
4	PHOSPHORUS	Plant	375	1140	-1.1766703641882361	
14	POTASSIUM	Plant	4507	13700	-0.5646937121972753	
0	PROTEIN	Plant	49350	150000	-0.19229605131474384	
0	PROTEIN	Seed	290000	300000	0.5889182649357977	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	RESIN	Plant	49350	200000	0.341494107898034	
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	
1	SODIUM	Plant	135	410	-0.2813819801268763	
0	SUGARS	Plant	26320	80000	-0.340522358531798	
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.
0	THIAMINE	Plant	2	5.1	-0.284573045815838	
4	TIN	Plant	5	14	-0.4656082470551236	
0	TRYPTOPHANE	Plant	1000	1000		
8	TYROSINE	Plant	3100	3100	-0.6773474514027521	
3	VALINE	Plant	4200	4200	-0.7595053887243765	
0	WATER	Plant	--	671000	-0.4278094136064728	
77	ZINC	Plant	--	--		