

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Rumex acetosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
53	BETA-CAROTENE	Leaf	77.0	1100.0	3.652502012743971	--
12	IODINE	Leaf	0.07	2.0	1.7732638274576942	--
0	TANNINS	Root	27800.0	226600.0	0.743859791870986	--
112	ASCORBIC-ACID	Leaf	630.0	12400.0	0.7066418946522066	--
0	PROTEIN	Leaf	26000.0	260000.0	0.48039216095665205	--
0	WATER	Leaf		900000.0	0.46079394661662293	--
14	POTASSIUM	Leaf	3380.0	40000.0	0.4263839757494558	--
65	MAGNESIUM	Leaf	460.0	4600.0	0.1831265670573345	--
31	THIAMIN	Leaf	0.8	9.0	0.144911649453059	--
12	COPPER	Leaf	3.0	30.0	0.06447035095193995	--
15	RIBOFLAVIN	Leaf	2.2	22.0	-0.07473683964760136	--
0	FAT	Leaf	3000.0	50000.0	-0.12876910250125184	--
0	ASH	Leaf	11000.0	110000.0	-0.15595595158761258	--
87	RUTIN	Leaf		12800.0	-0.20989232757188522	--
0	FAT	Fruit		47000.0	-0.2822698703336837	--
0	TANNINS	Fruit		50000.0	-0.34784412879081206	--
14	MANGANESE	Leaf	6.0	60.0	-0.3601383767008548	--
9	OXALIC-ACID	Leaf		3000.0	-0.3882177680628056	--
77	ZINC	Leaf	2.0	20.0	-0.4040277451169045	--
0	CARBOHYDRATES	Leaf	26000.0	560000.0	-0.4123404417205718	--
15	ALPHA-LINOLENIC-ACID	Leaf	435.0	4350.0	-0.49270782017945347	--
6	IRON	Leaf	16.0	160.0	-0.5150201368754369	--
1	SODIUM	Leaf	50.0	500.0	-0.5584814617442552	--
39	NIACIN	Leaf	5.0	50.0	-0.5777798471977739	--
30	HYPEROSIDE	Leaf		500.0	-0.6365225197977925	--
28	CALCIUM	Leaf	430.0	4300.0	-0.9659602658987367	--
14	HYPERIN	Leaf		370.0	-1.0	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
15	FIBER	Leaf	8000.0	80000.0	-1.00827278789484	--
58	EMODIN	Plant				--
0	ANTHRACENE	Rhizome				--
0	CHRYSOPHANOL- ANTHRONE	Plant				--
10	CHRYSOPHANOL	Plant				--
176	QUERCETIN	Fruit				--
0	CHRYSOPHANIN	Root				--
6	CHRYSOPHANIC-ACID	Root				--
0	POTASSIUM-BINOXYLATE	Leaf				--
18	VITEXIN	Leaf				--
5	PHYSCION	Plant				--
6	TARTARIC-ACID	Leaf				--
0	PHOSOHORUS	Leaf	410.0	4400.0		--
0	OXYMETHYLANTHRAQUIN ONE	Rhizome		10500.0		--