

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Erythroxylum coca*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	ALUMINUM	Leaf	395	420	-0.32982766242317074	
112	ASCORBIC-ACID	Leaf	14	15	-0.4425282881154163	
9	BETA-AMYRIN	Leaf	--	--		
53	BETA-CAROTENE	Leaf	5.4	7	-1.1074545225685273	
4	BIOTIN	Leaf	0.8	1		
4	BORON	Leaf	53	57	-0.11588885207135528	
102	CAFFEIC-ACID	Leaf	--	--		
28	CALCIUM	Plant	--	--		
77	CHLOROGENIC-ACID	Plant	--	--		
24	CHROMIUM	Leaf	3.5	3.8	-0.3219547420727036	
18	CINNAMIC-ACID	Leaf	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
27	COCAINE	Leaf	--	--		
12	COPPER	Leaf	2.2	13	-0.40336252034003733	
7	CYANIDIN	Leaf	--	--		
2	ECGONINE	Leaf	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
15	FIBER	Leaf	80000	175000	0.1665111514221138	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
21	GERANIIN	Leaf	3000	3100	1.0000000000000002	
12	IODINE	Leaf	0.05	0.05	-1.098035252589462	
6	IRON	Leaf	66	490	0.3214432460591831	
22	ISOQUERCITRIN	Leaf	100	100	-0.3212607768412582	
75	KAEMPFEROL	Plant	--	--		
4	KAEMPFEROL-3-O-GLUCOSIDE	Leaf	--	--		
1	LEUCOCYANIDIN	Leaf	--	--		
65	MAGNESIUM	Leaf	2130	5700	0.6078740652601706	
14	MANGANESE	Leaf	26	71	-0.34185133361490455	
21	METHYL-SALICYLATE	Leaf	25	175	-0.6678268226616914	
39	NIACIN	Leaf	13	61	-0.4439803651662575	
21	NICOTINE	Leaf	--	--		
13	PALMITIC-ACID	Leaf	--	--		
11	PANTOTHENIC-ACID	Leaf	7	7	-0.8080998166636008	
4	PHOSPHORUS	Leaf	3630	9740	0.8773502628434544	
2	PHYTOSTEROLS	Plant	--	--		
14	POTASSIUM	Leaf	5000	21600	-0.38611888817041656	
27	PROCYANIDINS	Leaf	--	--		
44	QUERCITRIN	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	RIBOFLAVIN	Leaf	15	20	-0.08411181088201701	
87	RUTIN	Leaf	5000	5000	-0.6941338789633755	
1	SODIUM	Leaf	400	435	-0.5700259089415015	
31	THIAMIN	Leaf	3.5	8	-0.06349209547044472	
77	ZINC	Leaf	18	29	-0.3487945893178303	