

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Ilex paraguariensis*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2,5-XYLENOL	Leaf	--	--		
0	4-OXOLAURIC-ACID	Leaf	--	--		
1	5-O-CAFFELOYLQUINIC-ACID	Leaf	--	--		
0	ASH	Leaf	42500	42500	-1.3452230844968343	
0	ASH	Seed	13000	13000	-1.0491111510661388	
9	BETA-AMYRIN	Leaf	--	--		
6	BUTYRIC-ACID	Leaf	--	--		
62	CAFFEINE	Leaf	2000	20000	-0.44207532185590015	
77	CHLOROGENIC-ACID	Leaf	--	--		
21	CHLOROPHYLL	Leaf	19000	19000	-0.2398973754016489	
20	CHOLINE	Leaf	--	--		
0	EO	Leaf	3000	3000	-0.7507396833089339	
0	FAT	Seed	161000	173000	-0.48663849003238874	
15	FIBER	Leaf	176800	176800	0.18877021553548767	
8	INOSITOL	Leaf	--	--		
2	ISOBUTYRIC-ACID	Leaf	--	--		
0	ISOCAPRONIC-ACID	Leaf	--	--		
5	ISOVALERIC-ACID	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	NEO-CHLOROGENIC-ACID	Leaf	--	--		
11	NICOTINIC-ACID	Leaf	--	--		
0	NITROGEN	Leaf	30000	30000	-0.6884022915379184	
11	PANTOTHENIC-ACID	Leaf	--	--		
0	PRBER	Seed	520000	560000		
0	PROTEIN	Leaf	190000	190000	-0.2179254748399875	
0	PROTEIN	Seed	64000	69000	-1.4659463648914988	
43	PYRIDOXINE	Leaf	--	--		
0	RESIN	Leaf	48000	48000	-0.37305110431736865	
0	RESINIC-ACID	Leaf	--	--		
15	RIBOFLAVIN	Leaf	--	--		
87	RUTIN	Leaf	--	--		
8	STEARIC-ACID	Leaf	--	--		
35	TANNIN	Leaf	40000	160000	0.6039221294970823	
21	THEOBROMINE	Leaf	960	5000	1	
36	THEOPHYLLINE	Leaf	--	500	1	
15	TRIGONELLINE	Leaf	--	--		
89	URSOLIC-ACID	Leaf	--	--		
28	VANILLIN	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	WATER	Seed	72000	72000	-0.5971293485746952	
0	WATER	Leaf	55000	55000	-3.7548957945142525	