

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ilex paraguariensis*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
36	THEOPHYLLINE	Leaf	0.0	500.0	1.0	--
21	THEOBROMINE	Leaf	960.0	5000.0	1.0	--
35	TANNIN	Leaf	40000.0	160000.0	0.6039221294970823	--
15	FIBER	Leaf		176800.0	0.18877021553548767	--
0	PROTEIN	Leaf		190000.0	-0.2179254748399875	--
21	CHLOROPHYLL	Leaf		19000.0	-0.2398973754016489	--
0	RESIN	Leaf		48000.0	-0.37305110431736865	--
62	CAFFEINE	Leaf	2000.0	20000.0	-0.44207532185590015	--
0	FAT	Seed	161000.0	173000.0	-0.48663849003238874	--
0	WATER	Seed		72000.0	-0.5971293485746952	--
0	NITROGEN	Leaf		30000.0	-0.6884022915379184	--
0	EO	Leaf		3000.0	-0.7507396833089339	--
0	ASH	Seed		13000.0	-1.0491111510661388	--
0	ASH	Leaf		42500.0	-1.3452230844968343	--
0	PROTEIN	Seed	64000.0	69000.0	-1.4659463648914988	--
0	WATER	Leaf		55000.0	-3.7548957945142525	--
89	URSOLIC-ACID	Leaf				--
1	5-O-CAFFEYLQUINIC-ACID	Leaf				--
15	TRIGONELLINE	Leaf				--
0	4-OXOLAURIC-ACID	Leaf				--
0	2,5-XYLENOL	Leaf				--
0	PRBER	Seed	520000.0	560000.0		--
20	CHOLINE	Leaf				--
11	PANTOTHENIC-ACID	Leaf				--
77	CHLOROGENIC-ACID	Leaf				--
8	STEARIC-ACID	Leaf				--
11	NICOTINIC-ACID	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
87	RUTIN	Leaf				--
2	NEO-CHLOROGENIC-ACID	Leaf				--
8	INOSITOL	Leaf				--
6	BUTYRIC-ACID	Leaf				--
15	RIBOFLAVIN	Leaf				--
5	ISOVALERIC-ACID	Leaf				--
9	BETA-AMYRIN	Leaf				--
0	RESINIC-ACID	Leaf				--
0	ISOCAPRONIC-ACID	Leaf				--
2	ISOBUTYRIC-ACID	Leaf				--
28	VANILLIN	Leaf				--
43	PYRIDOXINE	Leaf				--