

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Ligustrum japonicum*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
10	ALPHA-AMYRIN	Flower	--	--		
1	ALPHA-MANNITE	Fruit	--	--		
2	ARSENIC	Fruit	0.6	0.6	0.23199328320775964	
24	BENZALDEHYDE	Flower	--	--		
20	BENZOIC-ACID	Flower	--	--		
9	BENZYL-ALCOHOL	Flower	--	--		
9	BETA-AMYRIN	Flower	--	--		
102	CAFFEIC-ACID	Flower	--	--		
28	CALCIUM	Fruit	3040	3040	-0.18836655613377604	
12	COPPER	Fruit	12	12	-0.06373869485264942	
76	EUGENOL	Flower	--	--		
61	FERULIC-ACID	Flower	--	--		
8	FRUCTOSE	Fruit	--	--		
7	GLUCOSE	Fruit	--	--		
18	GUAIACOL	Flower	--	--		
6	IRON	Fruit	120	120	-0.051480525146559	
75	KAEMPFEROL	Flower	--	--		
27	LINOLEIC-ACID	Fruit	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
21	LUPEOL	Seed	--	--		
8	M-CRESOL	Flower	--	--		
65	MAGNESIUM	Fruit	1020	1020	-0.5138726333589669	
14	MANGANESE	Fruit	26	26	-0.23209688164812706	
18	MANNITOL	Leaf	--	--		
3	N-HENTRIACONTANE	Flower	--	--		
2	N-HEXACOSANE	Flower	--	--		
1	N-NONACOSANE	Flower	--	--		
6	O-CRESOL	Flower	--	--		
64	OLEANOLIC-ACID	Fruit	--	--		
18	OLEIC-ACID	Fruit	--	--		
9	OLEUROPEIN	Bark	--	--		
9	OLEUROPEIN	Fruit	--	--		
9	OLEUROPEIN	Leaf	--	--		
25	P-COUMARIC-ACID	Leaf	--	--		
8	P-CRESOL	Flower	--	--		
1	P-HYDROXYCINNAMIC-ACID	Fruit	--	--		
13	PALMITIC-ACID	Seed	--	--		
6	PHENETHYL-ALCOHOL	Flower	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
26	PHENOL	Flower Essent. Oil	--	--		
2	PHENYLACETIC-ACID	Flower	--	--		
1	PHILLYRIN	Leaf	--	--		
14	POTASSIUM	Fruit	16800	16800	-0.09878143440473125	
176	QUERCETIN	Flower	--	--		
1	SODIUM	Fruit	54	54	-0.17883002710316093	
8	STEARIC-ACID	Seed	--	--		
9	SYRINGIN	Bark	--	--		
9	SYRINGIN	Leaf	--	--		
89	URSOLIC-ACID	Fruit	--	--		
77	ZINC	Fruit	24	24	-0.1895875891620866	