

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Jatropha curcas*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
47	BETA-SITOSTEROL	Seed				--
35	TANNIN	Resin, Exudate, Sap	116000.0	187000.0	-0.7543266834114022	--
27	LINOLEIC-ACID	Seed	87960.0	162240.0	0.4722548112870495	--
18	VITEXIN	Leaf				--
18	OLEIC-ACID	Seed	109440.0	199680.0	0.6623866300690999	--
15	FIBER	Seed		155000.0	0.15966986961096422	--
14	SUCROSE	Seed				--
13	PALMITIC-ACID	Seed	39900.0	65325.0	0.6482656617483451	--
12	STIGMASTEROL	Leaf				--
10	ALPHA-AMYRIN	Leaf				--
9	BETA-AMYRIN	Bark				--
8	FRUCTOSE	Seed				--
8	STEARIC-ACID	Seed	26400.0	87360.0	1.3300253112700666	--
7	GLUCOSE	Seed				--
6	MYRISTIC-ACID	Seed	5400.0	8640.0	-0.1828981453832775	--
5	STARCH	Seed				--
4	ISOVITEXIN	Leaf				--
4	BETA-SITOSTEROL-BETA-D-GLUCOSIDE	Seed		50000.0		--
3	XYLOSE	Seed				--
2	CAMPESTEROL	Leaf				--
2	TARAXASTEROL	Bark				--
2	PALMITOLEIC-ACID	Seed	4200.0	6720.0	-0.13715691262253984	--
2	DULCITOL	Seed				--
1	STACHYOSE	Seed				--
1	RAFFINOSE	Seed				--
1	GALACTOSE	Fruit				--
1	STIGMAST-5-ENE-3-BETA-7-BETA-DIOL	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
1	STIGMAST-5-ENE-3-BETA-7-ALPHA-DIOL	Leaf				--
0	WATER	Seed		66000.0	-0.6201538513706739	--
0	RHAMNOSE	Seed				--
0	BETA-SITOSTEROL-3-O-BETA-D-GLUCOSIDE	Leaf				--
0	PROTEIN	Seed	162000.0	186000.0	-0.42517077316079016	--
0	ASH	Seed		45000.0	-0.08662699220958558	--
0	FAT	Seed	300000.0	480000.0	1.1304403236194152	--
0	ARACHIDIC-ACID	Seed	1800.0	2880.0	-0.3738688810138386	--
0	ARABINOSE	Seed				--
0	N-1-TRIACONTANOL	Leaf				--
0	CURCUSONES	Plant				--
0	CURCIN	Seed				--
0	7-KETO-BETA-SITOSTEROL	Seed				--
0	LINOLENIC-ACID	Seed	3300.0	5280.0	-0.48768643782414256	--
0	CARBOHYDRATES	Seed		335000.0	-0.748748749857462	--